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129

# Southern Illinois University *Bulletin*

*Schedule of Classes, Spring Quarter, 1971*  
Carbondale

SIU

## **This Bulletin**

contains the schedule of classes to be offered by Southern Illinois University at Carbondale for the spring quarter, 1971, at Carbondale, Southern Acres, and Little Grassy Lake. It also provides information relative to admission, advisement, registration, and fees.

# Schedule of Classes

Spring, 1971

*Southern Illinois University at Carbondale*

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Botany .....	Management .....
Business Administration .....	Finance .....
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Cinema and Photography .....	French .....
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Convocation, University .....	Italian .....



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Geology .....	Physiology .....
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Government .....	Portuguese .....
Greek .....	Psychology .....
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Aviation Technology .....	Technology .....
Automotive Technology .....	Mortuary Science .....
Building Construction Technology	Physical Therapy .....
Commercial Art .....	Printing Technology .....
Corrections and Law	Retailing, Cooperative .....
Enforcement .....	Secretarial .....
Data Processing .....	Tool and Manufacturing
Dental Hygiene .....	Technology .....
	Welding .....

# Registration Calendar Spring Quarter, 1971

## **Monday, January 25–Saturday, March 20**

Advance registration period for all graduate students.

## **Monday, March 21–Saturday, March 27**

No graduate registration. No graduate program changes.

## **Monday, March 29–Thursday, April 8**

Late registration period for graduate students. No graduate student will be admitted or readmitted March 29, 30, 31.

## **Monday, January 18–Friday, March 12**

Advance registration period for all undergraduate students. New students should refer to Registration and advisement, beginning on page 1, for further procedural information. All continuing undergraduate students are expected to be registered by March 12.

## **Wednesday, March 17**

Undergraduate students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have received approval for deferred payment.

## **Beginning-of-the-Quarter Activities for Undergraduates**

The dates listed below from March 28 through April 1 are for undergraduates. Graduate students may register through the Graduate School as late as the second Thursday of the quarter.

### *Sunday, March 28*

New student orientation starts. Residence Halls open.

### *Monday, March 29*

Advisement and registration for new and re-entry students. Continuing students who did not advance register or had their registration cancelled for non-payment of fees must wait until Wednesday, March 31, to register. Night classes start (5:45 P.M. or later).

### *Tuesday, March 30*

Day classes start.

Advisement and registration open only for program changes.

### *Wednesday, March 31*

Advisement and registration open for registration only. This is the first  
(continued)

day continuing students can register in the Arena. Late fee will be assessed.

**Thursday, April 1**

Advisement and registration open until noon for registrations and program changes. Late fee will be assessed.

Last day to register or make program changes in which course is added or section is changed. *Registration ends at noon. A student who wants either to register or to add a course after this date must receive approval from the dean of his academic unit.* Exceptions will be made for students through Tuesday, April 6, who have either a class conflict causing them to need to change a section or who are involved with a cancelled class, causing them to make a change. In these instances the student will be processed through registration and given a letter from this office to the instructor allowing him into a class late. A dean's permission will not be necessary for program changes based upon these two reasons.

**Monday, April 5**

Registration activities return to Woody Hall.

**Thursday, April 8**

Deadline for payment of fees by students whose fees were deferred. Graduate student registration will be cancelled if fees are not paid by 4:00 P.M.

All graduate registration closes. This includes both original registration and adding classes.

**Friday, April 9**

Last day for undergraduates or graduates to officially withdraw from school or to reduce academic load (hours of credit) and be eligible for a refund of fees.

**Friday, April 23**

Last day for undergraduates to officially withdraw from a course without receiving a letter grade.

Graduate students officially dropping a course after this date need not be given an evaluative letter grade.

Last day to change from *credit* to *audit* or vice versa for all students.

(See *Auditing of Courses*, page 4)

**Friday, May 21**

Last day for making a program change or withdrawing from school except under exceptional circumstances.

## Calendar of Events

### April

3, Saturday	Admission Test for Graduate Study in Business
3, Saturday	National Teacher Examination
17, Saturday	Law School Admission Test
17, Saturday	Graduate School Foreign Language Test
24, Saturday	American College Testing Program (National)
24, Saturday	Dental Admissions Testing Program
24, Saturday	Graduate Record Examination

### May

1, Saturday	Medical College Admission Test
15, Saturday	Test of English as a Foreign Language (Residual)

### June

7, Monday	Test of English as a Foreign Language (National)
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For all of the above, pre-registration is required. Applicants should contact the Counseling and Testing Center for details at least 4 weeks before the test.



# University Calendar

<i>WINTER, 1971</i>	Quarter Begins	Monday, January 4 *
	Washington's Birthday Holiday	Monday, February 15
	Final Examinations	Saturday–Friday, March 13–19
<i>SPRING, 1971</i>	Quarter Begins	Monday, March 29 *
	Memorial Day Holiday	Monday, May 31
	Final Examinations	Saturday–Friday, June 5–11
	Commencement (Edwardsville)	Friday, June 11
	Commencement (Carbondale)	Saturday, June 12
<i>SUMMER, 1971</i>	Quarter Begins	Monday, June 21 *
	Independence Day Holiday	Monday, July 5
	Final Examinations	Monday–Friday, August 30–September 3
	Commencement (Edwardsville)	Friday, September 3
	Commencement (Carbondale)	Saturday, September 4
<i>FALL, 1971</i>	New Student Days	Sunday–Tuesday, September 19–21
	Quarter Begins	Tuesday, September 21 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 23–29
	Final Examinations	Saturday–Friday, December 11–17
<i>WINTER, 1972</i>	Quarter Begins	Monday, January 3 *
	Washington's Birthday Holiday	Monday, February 21
	Final Examinations	Saturday–Friday, March 11–17
<i>SPRING, 1972</i>	Quarter Begins	Monday, March 27 *
	Memorial Day Holiday	Monday, May 29
	Final Examinations	Saturday–Friday, June 3–9
	Commencement (Carbondale)	Friday, June 9
	Commencement (Edwardsville)	Saturday, June 10

\* Classes begin with the evening classes after 5:30 P.M. at Carbondale and with the evening classes after 4:30 P.M. at Edwardsville.



# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the spring quarter, 1971, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## **Admission**

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## **Registration and Advisement**

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the Graduate School, where all registration forms will be completed and retained. Graduate students will not be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. No late fee will be assessed during this period. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday, and from 8:30 to 11:30 A.M. on Saturday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses he is to take.

Mere attendance does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for

asking that a program change be approved permitting registration in that class.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University as evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Registrar's Office.

New graduate students may register during the registration periods indicated on the registration calendars. Arrangements should be cleared with the Graduate School to do so to assure that the appropriate adviser will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but not during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admissions Office for undergraduate students and Graduate School for graduate students) advisement appointments should be made at the advisement offices of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University will schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students preparing for a degree program should contact the departmental adviser for pre-advisement. Unclassified graduate students in other categories may report directly to the Graduate School for registration procedure. Unclassified students who are planning to take qualifying courses must report those courses to the Graduate Admissions office *before* registering each quarter.

### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Admissions



Office at Carbondale either an official transcript of their University record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the Admissions Office is to permit the necessary coding changes to be made so that pertinent information about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

### Payment of Fees

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Certificate of Registration at that time. When fees are paid by mail the Certificate will be mailed to the address given by the student on the back of his fee statement. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times.

Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on Thursday, April 8.

### Fees for a Regular Quarter

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Tuition Fee—Illinois Resident . . . . .	\$39.00	\$78.00	\$117.00
Tuition Fee—Out-of-State Resident . . . .	(133.00)	(265.00)	(398.00)
Student Welfare and Recreation			
Building Trust Fund Fee . . . . .	5.00	10.00	15.00
Book Rental Fee . . . . .	3.00	6.00	8.00
Student Activity Fee . . . . .	3.50	7.00	10.50
University Center Fee . . . . .	5.00	5.00	5.00
Athletic Fund Fee . . . . .	3.00	6.50	10.00
<i>Total</i> —Illinois Resident . . . . .	\$58.50	\$112.50	\$165.50
<i>Total</i> —Out-of-State Resident . . . . .	(152.50)	(299.50)	(446.50)

Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week.

Graduate students do not rent their textbooks and do not pay the book rental fee. They must purchase their books.

Students having special fee status, such as scholarship holders, faculty, and staff, will pay fees according to their particular status.

The activity fee is prorated according to the number of hours carried.

Health Service benefits vary according to the amount paid. In certain instances graduate assistants, research assistants, graduate fellows, or students on fee code 27 may seek permission from the health service to pay the full activity fee even though they are only part time students. Written consent from the Health Service must be presented at the time of registration so that the student may be properly assessed.

### **Late Registration**

A late registration fee will be charged any undergraduate student registering after the date specified in the Registration Calendar. Graduate students will not be charged a late fee if they register within the period indicated in the Registration Calendar.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on their record cards maintained in the Registrar's Office. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

### **Program Changes**

Students are officially registered only for those courses appearing on their schedule of classes. Any change therefrom can be made only after fees are paid and must be made through an official program change, which includes the following steps:

1. **Initiating the change.**

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the Graduate School. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. **Registration.**

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

### ***Dropping a Course***

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is the last day of the fourth week of a quarter. Graduate students may not necessarily receive a grade for dropping after the fourth week. (Refer to Registration Calendar.)

### *Changing Fee Status*

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

### **Withdrawing from School**

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Registrar's Office to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by Friday, April 8.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Registrar's Office in person or by writing to the Dean of Students' Office. This must be done by the end of the first two weeks, if he expects to get a refund.

### **Cancellation of Registration**

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register due to scholastic reasons. The same situation may exist due to financial or disciplinary reasons if certified to the Registrar by the Dean of Students.

### **Personal Data Changes**

At the time of registration students are asked to review a Biographic Data Sketch containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

1. *Local Address Change*.—Housing Office, Graduate School, Registrar's Office, Registration Center, or VTI Office.
2. *Name Change, Marital Status Change, Date of Birth Change*.—Records section of the Registrar's Office. Verification is required.
3. *Selective Service Data Change or Information*.—Registration Center.
4. *Legal Residence Change* (whether an Illinois or out-of-state resident).—Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Registrar's Office. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.





# 2 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used

in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	NKRS A:	James W. Neckers Building A
AG:	Agriculture Building	NKRS B:	James W. Neckers Building B
ALLYN:	Allyn Building	NKRS C:	James W. Neckers Building C
ALTG:	Altgeld Hall	PIERCE:	Pierce Hall (T.P.)
ARENA:	SIU Arena	PULL:	Pulliam Hall (University School)
BAILEY:	Bailey Hall (T.P.)	PULL I:	Pulliam Hall (Industrial Education Wing)
BOAT:	Boat Dock	PULL P:	Pulliam Hall (Physical Education Wing)
BROWN:	Brown Hall (T.P.)	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FELTS:	Felts Hall (T.P.)	TECH B:	Technology Building B
GYM:	Gymnasium	TECH D:	Technology Building D
HDBALL:	Handball Courts	TENNIS:	Tennis Courts
H EC:	Home Economics Building	U CTR:	University Center
LAWSON:	Lawson Hall	WARREN:	Warren Hall (T.P.)
LAKE:	Lake on the Campus	WHAM:	Wham Education Building
LIB:	Morris Library	WHLR:	Wheeler Hall
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant		
OFB:	Old Baptist Foundation		
PARK:	Parkinson Building		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0481	910 S. Elizabeth
0412	907 S. Forest	0483	1002 S. Elizabeth
0415	807 S. Forest	0485	1006 S. Elizabeth
0429	1009 S. Elizabeth	0487	1010 S. Elizabeth
0431	1007 S. Elizabeth	0551	CESL
0432	1005 S. Elizabeth	0552	CESL
0436	908 S. Forest	0685	506 S. Graham
0437	904 S. Forest	0686	511 S. Graham
0438	900 S. Forest	0701	801 S. Washington
0442	903 S. Elizabeth	0720	Corner of Washington and Park St.
0448	814 S. Forest	0721	East of 0720 on Park St.
0451	810 S. Forest	0725	207 E. Pearl
0452	808 S. Forest	0742	204 E. Park
0453	806 S. Forest	0744	208 E. Park
0461	811 S. Elizabeth	0809	South of President's Office
0465	804 S. Elizabeth		
0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory		
0832	Journalism—next to 0831 (above)		
0833	Journalism Annex—next to 0832 (above)		
0834	Cinema and Photography—next to 0833 (above)		
0842	Botany-Zoology Laboratory for General Studies—west of the Agriculture Building's north wing		
0843	Botany-Zoology Laboratory—next to 0842 (above)		
0857	Department of Design—east of the Communications Building on Lincoln Drive		



- 0861 General Classrooms—southeast of the Communications Building on Lincoln Drive
- 0862 General Classrooms—next to 0861 (above)
- 0864 Zoology Annex 2—northwest of the Agriculture Building's north wing
- 0865 Zoology Annex—next to 0864 (above)
- 0871 General Classrooms—southeast of the Communications Building on Lincoln Drive
- 0875 General Classrooms—next to 0871
- 0889 901 West Chautauqua

### **Explanation of Entries**

The entry for each course is arranged as follows:

First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.

Second Line: The prerequisite (if applicable).

Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.

# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>General Studies Area A—Man's Physical Environment and Bio- logical Inheritance (GSA)</b>				
101A	INTRO-PHYS SCIENCE		C4.0 CR	
1	10.00	MT THF	PARK 124	NICKELL WM E
2	12.00	TWTHF	PARK 124	
3	02.00	MT TH	PARK 124	JOHNSON ROBERT E
	10.00-11.50	W	PARK 317	
4	02.00	MT TH	PARK 124	JOHNSON ROBERT E
	03.00-04.50	M	PARK 317	
5	02.00	MT TH	PARK 124	JOHNSON ROBERT E
	10.00-11.50	T	PARK 317	
6	02.00	MT TH	PARK 124	
	03.00-04.50	T	PARK 317	
7	02.00	MT TH	PARK 124	JOHNSON ROBERT E
	10.00-11.50	TH	PARK 317	
8	02.00	MT TH	PARK 124	JOHNSON ROBERT E
	01.00-02.50	W	PARK 317	
101B	INTRO-PHYS SCIENCE		C4.0 CR	
1	08.00	TWTH S	PHY SB 240	
	08.00	F	PHY SC 116	
3	03.00	M WTHF	PHY SB 240	
	03.00	T	NKRS A 156	
4	07.35-09.15 PM	T TH	PHY SB 240	
	07.35-08.20 PM	W	PHY SC 116	ERNST CARL R
102A	SPACE SCIENCE		C4.0 CR	
1	02.00	MTWTH	LAWSON 121	
102B	SPACE SCIENCE		C4.0 CR	
1	04.00	TWTHF	PARK 308	
105B	MOL BASIS-MAT&LIFE		C4.0 CR	
1	10.00	M W F	NKRS C 118	
	08.00-09.50	W	NKRS C 109	
2	10.00	M W F	NKRS C 118	
	08.00-09.50	W	NKRS C 107	
110A	EARTH ENVIRONMENT		C4.0 CR	
1	10.00	M W F	LAWSON 171	BERTONI LOUIS
	12.00-01.50	M	PARK 213	
2	10.00	M W F	LAWSON 171	BERTONI LOUIS
	04.00-05.50	M	PARK 213	
3	10.00	M W F	LAWSON 171	BERTONI LOUIS
	10.00-11.50	T	PARK 213	
4	10.00	M W F	LAWSON 171	BERTONI LOUIS
	02.00-03.50	T	PARK 213	
5	10.00	M W F	LAWSON 171	BERTONI LOUIS
	06.00-07.50 PM	T	PARK 213	
6	10.00	M W F	LAWSON 171	BERTONI LOUIS
	12.00-01.50	W	PARK 213	
7	10.00	M W F	LAWSON 171	BERTONI LOUIS
	04.00-05.50	W	PARK 213	
8	10.00	M W F	LAWSON 171	BERTONI LOUIS
	08.00-09.50	TH	PARK 213	
9	10.00	M W F	LAWSON 171	BERTONI LOUIS
	12.00-01.50	TH	PARK 213	
10	11.00	M W F	LAWSON 171	BERTONI LOUIS
	02.00-03.50	M	PARK 213	
11	11.00	M W F	LAWSON 171	BERTONI LOUIS
	08.00-09.50	T	PARK 213	
12	11.00	M W F	LAWSON 171	BERTONI LOUIS
	12.00-01.50	T	PARK 213	
13	11.00	M W F	LAWSON 171	BERTONI LOUIS
	04.00-05.50	T	PARK 213	
14	11.00	M W F	LAWSON 171	BERTONI LOUIS
	08.00-09.50	W	PARK 213	

15	11.00	M W F	LAWSON	171	BERTONI LOUIS
	02.00-03.50	W	PARK	213	
16	11.00	M W F	LAWSON	171	BERTONI LOUIS
	06.00-07.50 PM	W	PARK	213	
17	11.00	M W F	LAWSON	171	BERTONI LOUIS
	10.00-11.50	TH	PARK	213	
18	11.00	M W F	LAWSON	171	BERTONI LOUIS
	02.00-03.50	TH	PARK	213	
19	03.00	M W F	LAWSON	171	CHARLES
	08.00-09.50	M	PARK	213	
20	03.00	M W F	LAWSON	171	CHARLES
	10.00-11.50	M	PARK	213	
21	03.00	M W F	LAWSON	171	CHARLES
	06.00-07.50 PM	M	PARK	213	
22	03.00	M W F	LAWSON	171	CHARLES
	10.00-11.50	W	PARK	213	
23	03.00	M W F	LAWSON	171	CHARLES
	12.00-01.50	F	PARK	213	
24	03.00	M W F	LAWSON	171	CHARLES
	06.00-07.50 PM	TH	PARK	213	
25	03.00	M W F	LAWSON	171	CHARLES
	08.00-09.50	F	PARK	213	
26	03.00	M W F	LAWSON	171	CHARLES
	10.00-11.50	F	PARK	213	
27	03.00	M W F	LAWSON	171	CHARLES
	04.00-05.50	TH	PARK	213	
110B	EARTH ENVIRONMENT		04.00	CR	
1	12.00	T	LAWSON	151	
	02.00-03.50	M	PARK	206	
2	12.00	T	LAWSON	151	
	08.00-09.50 PM	M	PARK	206	
3	12.00	T	LAWSON	151	
	08.00-09.50	T	PARK	206	
4	12.00	T	LAWSON	151	
	04.00-05.50	T	PARK	206	
5	12.00	T	LAWSON	151	
	12.00-01.50	W	PARK	206	
6	12.00	T	LAWSON	151	
	10.00-11.50	TH	PARK	206	
7	12.00	T	LAWSON	151	
	02.00-03.50	TH	PARK	206	
8	12.00	T	LAWSON	151	
	06.00-07.50 PM	TH	PARK	206	
9	12.00	T	LAWSON	151	
	10.00-11.50	F	PARK	206	
10	12.00	T	LAWSON	151	
	08.00-09.50	S	PARK	206	
SECT 1-10 INQUIRY GROUPS					
11	01.00	T THF	LAWSON	151	
	10.00-11.50	M	PARK	206	
12	01.00	T THF	LAWSON	151	
	12.00-01.50	M	PARK	206	
13	01.00	T THF	LAWSON	151	
	04.00-05.50	M	PARK	206	
14	01.00	T THF	LAWSON	151	
	10.00-11.50	T	PARK	206	
15	01.00	T THF	LAWSON	151	
	08.00-09.50	W	PARK	206	
16	01.00	T THF	LAWSON	151	
	02.00-03.50	W	PARK	206	
17	01.00	T THF	LAWSON	151	
	06.00-07.50 PM	W	PARK	206	
18	01.00	T THF	LAWSON	151	
	08.00-09.50 PM	W	PARK	206	
19	01.00	T THF	LAWSON	151	
	04.00-05.50	TH	PARK	206	
20	01.00	T THF	LAWSON	151	
	08.00-09.50	F	PARK	206	
SECT 11-20 LECTURE-LAB					
21	06.00-07.25 PM	T TH	LAWSON	151	
	08.00-09.50	M	PARK	206	

## GSA

22	06.00-07.25 PM	T TH	LAWSON	151	
	06.00-07.50 PM	M	PARK	206	
23	06.00-07.25 PM	T TH	LAWSON	151	
	12.00-01.50	T	PARK	206	
24	06.00-07.25 PM	T TH	LAWSON	151	HARRIS
	02.00-03.50	T	PARK	206	

ABOVE SECT RESTRICTED TO PRES  
SCHOLARS

25	06.00-07.25 PM	T TH	LAWSON	151	
	10.00-11.50	W	PARK	206	
26	06.00-07.25 PM	T TH	LAWSON	151	
	04.00-05.50	W	PARK	206	
27	06.00-07.25 PM	T TH	LAWSON	151	
	08.00-09.50	TH	PARK	206	
28	06.00-07.25 PM	T TH	LAWSON	151	
	12.00-01.50	TH	PARK	206	
29	06.00-07.25 PM	T TH	LAWSON	151	
	08.00-09.50 PM	TH	PARK	206	
30	06.00-07.25 PM	T TH	LAWSON	151	
	12.00-01.50	F	PARK	206	

201A INTRODUCT BIOLOGY 04.0 CR  
PREREQ GSA FIRST LEVEL OR CHEM 110 OR  
111

1	09.00	M W F	LS I	133	
	08.00-09.50	T	LS I	209	
2	09.00	M W F	LS I	133	
	01.00-02.50	T	LS I	209	
3	09.00	M W F	LS I	133	
	03.00-04.50	T	LS I	209	
4	09.00	M W F	LS I	133	
	01.00-02.50	W	LS I	209	
5	09.00	M W F	LS I	133	
	03.00-04.50	W	LS I	209	
6	09.00	M W F	LS I	133	
	01.00-02.50	TH	LS I	209	
7	09.00	M W F	LS I	133	
	03.00-04.50	TH	LS I	209	
8	09.00	M W F	LS I	133	
	01.00-02.50	F	LS I	209	
9	02.00	M W F	LS I	133	
	10.00-11.50	T	LS I	208	
10	02.00	M W F	LS I	133	
	01.00-02.50	T	LS I	208	
11	02.00	M W F	LS I	133	
	03.00-04.50	T	LS I	208	
12	02.00	M W F	LS I	133	
	06.00-07.50 PM	T	LS I	208	
13	02.00	M W F	LS I	133	
	03.00-04.50	W	LS I	208	
14	02.00	M W F	LS I	133	
	08.00-09.50	TH	LS I	208	
15	02.00	M W F	LS I	133	
	01.00-02.50	TH	LS I	208	
16	02.00	M W F	LS I	133	
	03.00-04.50	TH	LS I	208	

GSA 201A -- An invitational "Honor Lab" will be formed, 3:00-4:50 Monday.

201B INTRODUCT BIOLOGY 04.0 CR  
PREREQ GSA 201A

1	09.00	T TH	LS I	133	
	12.00-01.50	M F	LS I	211	
2	09.00	T TH	LS I	133	
	02.00-03.50	M F	LS I	211	
3	09.00	T TH	LS I	133	
	10.00-11.50	T TH	LS I	211	
4	09.00	T TH	LS I	133	
	12.00-01.50	T TH	LS I	211	
5	09.00	T TH	LS I	133	
	02.00-03.50	T TH	LS I	211	
6	09.00	T TH	LS I	133	
	04.00-05.50	T TH	LS I	211	

7	09.00	T TH	LS I	133
	06.00-07.50 PM	T TH	LS I	211
8	09.00	T TH	LS I	133
	08.00-09.50	W F	LS I	211
9	02.00	T TH	LS I	133
	12.00-01.50	M	LS I	213
10	02.00	T TH	LS I	133
	02.00-03.50	M	LS I	213
11	02.00	T TH	LS I	133
	08.00-09.50	T TH	LS I	213
12	02.00	T TH	LS I	133
	10.00-11.50	T TH	LS I	213
13	02.00	T TH	LS I	133
	12.00-01.50	T TH	LS I	213
14	02.00	T TH	LS I	133
	06.00-07.50 PM	T TH	LS I	213
15	02.00	T TH	LS I	133
	08.00-09.50	W F	LS I	213
16	02.00	T TH	LS I	133
	10.00-11.50	W F	LS I	213

GSA 201B -- An invitational "Honor Lab" will be formed, 4:00-5:50 Tuesday, Thursday.

210A INTRO ENVIRON BIOL		04.0 CR	
PREREQ GSA 110 OR CHEM 115			
1	08.00	M W	LAWSON 171
	07.00 PM	M	LS I 308
	08.00	F	LAWSON 141
2	08.00	M W	LAWSON 171
	08.00	S	LS I 308
	08.00	F	LAWSON 141
3	08.00	M W	LAWSON 171
	02.00	T	LS I 308
	08.00	F	LAWSON 141
4	08.00	M W	LAWSON 171
	04.00	TH	LS I 308
	08.00	F	LAWSON 141
5	08.00	M W	LAWSON 171
	10.00	F	LS I 308
	08.00	F	LAWSON 141
6	08.00	M W	LAWSON 171
	01.00	TH	LS I 308
	08.00	F	LAWSON 141
7	10.00	M W F	H EC 140B
	02.00	F	LS I 308
8	10.00	M W F	H EC 140B
	12.00	W	LS I 308
9	10.00	M W F	H EC 140B
	11.00	W	LS I 308
10	10.00	M W F	H EC 140B
	09.00	F	LS I 308
11	10.00	M W F	H EC 140B
	09.00	M	LS I 308
12	10.00	M W F	H EC 140B
	03.00	M	LS I 308
13	10.00	M W F	LAWSON 141
	08.00	T	LS I 308
14	10.00	M W F	LAWSON 141
	03.00	W	LS I 308
15	10.00	M W F	LAWSON 141
	03.00	T	LS I 308
16	10.00	M W F	LAWSON 141
	08.00	M	LS I 308
17	10.00	M W F	LAWSON 141
	11.00	F	LS I 308
18	10.00	M W F	LAWSON 141
	10.00	T	LS I 308
19	11.00	M W F	NKRS B 440
	04.00	T	LS I 308
20	11.00	M W F	NKRS B 440
	01.00	W	LS I 308

PETERSEN BRUCE W



21	11.00		M	W	F	NKRS	B	440
	10.00			W		LS	I	308
22	11.00		M	W	F	NKRS	B	440
	09.00			TH		LS	I	308
23	11.00		M	W	F	NKRS	B	440
	12.00			TH		LS	I	308
24	11.00		M	W	F	NKRS	B	440
	08.00			W		LS	I	308
25	11.00		M	W	F	LAWSON		151
	10.00				S	LS	I	308
26	11.00		M	W	F	LAWSON		151
	05.00			TH		LS	I	308
27	11.00		M	W	F	LAWSON		151
	06.00	PM		W		LS	I	308
28	11.00		M	W	F	LAWSON		151
	06.00	PM	M			LS	I	308
29	11.00		M	W	F	LAWSON		151
	05.00			T		LS	I	308
30	11.00		M	W	F	LAWSON		151
	04.00			W		LS	I	308
31	12.00		M	W	F	NKRS	B	440
	04.00		M			LS	I	308
32	12.00		M	W	F	NKRS	B	440
	02.00		M			LS	I	308
33	12.00		M	W	F	NKRS	B	440
	01.00			T		LS	I	308
34	12.00		M	W	F	NKRS	B	440
	07.00	PM		W		LS	I	308
35	12.00		M	W	F	NKRS	B	440
	11.00			T		LS	I	308
36	12.00		M	W	F	NKRS	B	440
	10.00			TH		LS	I	308
210B	INTRO ENVIRON BIOL						04.0	CR
	PREREQ	GSA 110	OR	CHEM	115			
1	02.00		M	W	F	LAWSON		151
	06.00	PM		TH		LS	I	308
2	02.00		M	W	F	LAWSON		151
	05.00			W		LS	I	308
3	02.00		M	W	F	LAWSON		151
	09.00				S	LS	I	308
4	02.00		M	W	F	LAWSON		151
	03.00			F		LS	I	308
5	02.00		M	W	F	LAWSON		151
	01.00		M			LS	I	308
6	02.00		M	W	F	LAWSON		151
	12.00			T		LS	I	308
7	02.00		M	W	F	NKRS	B	240
	12.00			F		LS	I	308
8	02.00		M	W	F	NKRS	B	240
	08.00			TH		LS	I	308
9	02.00		M	W	F	NKRS	B	240
	02.00			TH		LS	I	308
10	02.00		M	W	F	NKRS	B	240
	09.00			W		LS	I	308
11	02.00		M	W	F	NKRS	B	240
	11.00				S	LS	I	308
12	02.00		M	W	F	NKRS	B	240
	10.00		M			LS	I	308
13	03.00		M	W	F	LAWSON		151
	07.00	PM		TH		LS	I	308
14	03.00		M	W	F	LAWSON		151
	11.00			TH		LS	I	308
15	03.00		M	W	F	LAWSON		151
	06.00	PM		T		LS	I	308
16	03.00		M	W	F	LAWSON		151
	08.00			F		LS	I	308
17	03.00		M	W	F	LAWSON		151
	02.00			T		LS	I	308
18	03.00		M	W	F	LAWSON		151
	11.00		M			LS	I	308

19	04.00	M	WTH	NKRS	B	240	
	12.00	M		LS	I	308	
20	04.00	M	WTH	NKRS	B	240	
	01.00		F	LS	I	308	
21	04.00	M	WTH	NKRS	B	240	
	05.00	M		LS	I	308	
22	04.00	M	WTH	NKRS	B	240	
	03.00		TH	LS	I	308	
23	04.00	M	WTH	NKRS	B	240	
	02.00		W	LS	I	308	
24	04.00	M	WTH	NKRS	B	240	
	07.00	PM	T	LS	I	308	
299A	SURVIVAL OF MAN			04.0	CR		
1	12.00	M	W F	LAWSON		151	
	01.00		F	AG		152	
2	12.00	M	W F	LAWSON		151	
	01.00		T	AG		150	
3	12.00	M	W F	LAWSON		151	
	10.00		T	AG		150	
4	12.00	M	W F	LAWSON		151	
	11.00		T	AG		152	
5	12.00	M	W F	LAWSON		151	
	12.00		T	AG		168	
6	12.00	M	W F	LAWSON		151	
	12.00		TH	AG		168	
7	12.00	M	W F	LAWSON		151	
	02.00		M	AG		188	
8	12.00	M	W F	LAWSON		151	
	12.00		TH	AG		220	
9	12.00	M	W F	LAWSON		151	
	02.00		W	AG		188	
10	12.00	M	W F	LAWSON		151	
	11.00		TH	AG		188	
11	12.00	M	W F	LAWSON		151	
	11.00		T	AG		188	
12	12.00	M	W F	LAWSON		151	
	11.00		W	AG		154	
299B	SURVIVAL OF MAN			04.0	CR		
1	02.00		T THF	LAWSON		171	
	01.00		F	AG		224	
2	02.00		T THF	LAWSON		171	
	01.00	M		CL		326	
3	02.00		T THF	LAWSON		171	
	04.00		TH	CL		326	
4	02.00		T THF	LAWSON		171	
	03.00		F	AG		168	
5	02.00		T THF	LAWSON		171	
	02.00		W	AG		152	
6	02.00		T THF	LAWSON		171	
	02.00	M		AG		116	
7	02.00		T THF	LAWSON		171	
	03.00	M		AG		150	
8	02.00		T THF	LAWSON		171	
	04.00	M		AG		150	
9	02.00		T THF	LAWSON		171	
	12.00		W	AG		150	
10	02.00		T THF	LAWSON		171	
	12.00		F	AG		150	
11	02.00		T THF	LAWSON		171	
	03.00		W	AG		168	
12	02.00		T THF	LAWSON		171	
	11.00		T	AG		168	
301	PRIN OF PHYSIOLOGY			04.0	CR		
1	10.00	M	W F	LS	I	133	GASS GEORGE HIRAM
	03.00-04.50	M		LS	I	113	
2	10.00	M	W F	LS	I	133	GASS GEORGE HIRAM
	11.00-12.50		T	LS	I	113	
3	10.00	M	W F	LS	I	133	GASS GEORGE HIRAM
	11.00-12.50		TH	LS	I	113	
4	10.00	M	W F	LS	I	133	GASS GEORGE HIRAM
	03.00-04.50		F	LS	I	113	

5	10.00	M W F	LS I	133	GASS GEORGE HIRAM
	12.00-01.50	M	LS I	113	
6	10.00	M W F	LS I	133	GASS GEORGE HIRAM
	05.45-07.25	T	LS I	113	
7	10.00	M W F	LS I	133	GASS GEORGE HIRAM
	08.00-09.50	W	LS I	117	
8	10.00	M W F	LS I	133	GASS GEORGE HIRAM
	02.00-03.50	W	LS I	117	
9	01.00	M W F	LS I	133	STRACK LOUIS E
	05.45-07.25	T	LS I	113	
10	01.00	M W F	LS I	133	STRACK LOUIS F
	02.00-03.50	T	LS I	113	
11	01.00	M W F	LS I	133	STRACK LOUIS E
	02.00-03.50	TH	LS I	113	
12	01.00	M W F	LS I	133	STRACK LOUIS E
	11.00-12.50	F	LS I	113	
13	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	T	LS I	113	
14	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	TH	LS I	117	
15	01.00	M W F	LS I	133	STRACK LOUIS E
	05.45-07.25	W	LS I	117	
16	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	S	LS I	117	
302	PSYC-PHSL FOUN BEH			03.0	CR
	PREREQ GSA 201B AND C				
1	11.00	T TH	LS I	323	STRACK LOUIS F
	01.00-02.50	TH	LS I	113	
2	11.00	T TH	LS I	323	STRACK LOUIS E
	08.00-09.50	S	LS I	113	
303	WILD FLOWERS			03.0	CR
1	11.00	M	LS II	430	
	01.00-04.50	T	LS II	480	
2	11.00	M	LS II	430	
	01.00-04.50	TH	LS II	480	
3	10.00	M	LS II	430	
	10.00-11.50	T TH	LS II	423	
4	09.00	T	LS II	430	
	08.00-09.50	F	LS II	423	
5	02.00	T	LS II	430	
	02.00-03.50	W F	LS II	423	
6	08.00	T	LS II	430	
	08.00-09.50	M TH	LS II	480	
7	02.00	W	LS II	430	
	01.00-04.50	M	LS II	404	
8	09.00	TH	LS II	430	
	08.00-11.50	W	LS II	404	
9	02.00	M	LS II	430	
	01.00-02.50	W F	LS II	404	
312	CONS OF NATURAL RES			03.0	CR
1	08.00	M W	LAWSON	151	KLIMSTRA
	08.00	F	PARK	124	
2	02.00	M W F	LAWSON	161	LEFEBVRE
313	EVOLUTION			03.0	CR
	PREREQ ONE YEAR OF BIOLOGY				
1	11.00	T TH	LAWSON	151	STAINS
	11.00	F	LAWSON	141	
321	INTRO PALEONTOLOGY			03.0	CR
1	10.00	W F	PARK	204	UTGAARD JOHN EDWARD
	03.00-04.50	M	PARK	107	
2	10.00	W F	PARK	204	UTGAARD JOHN EDWARD
	06.00-07.50 PM	M	PARK	107	
3	11.00	T TH	PARK	204	UTGAARD JOHN EDWARD
	08.00-09.50	M	PARK	107	
4	11.00	T TH	PARK	204	UTGAARD JOHN EDWARD
	10.00-11.50	M	PARK	107	
5	11.00	T TH	PARK	204	UTGAARD JOHN EDWARD
	01.00-02.50	M	PARK	107	
322	INTR TO ROCKS & MIN			03.0	CR
1	09.00	M W	PARK	204	BELL FRANK J
	08.00-09.50	TH	PARK	112	

2	09.00	M W	PARK	204	BELL FRANK J
	10.00-11.50	TH	PARK	112	
3	09.00	M W	PARK	204	BELL FRANK J
	12.00-01.50	TH	PARK	112	
4	03.00	T TH	PARK	111	BELL FRANK J
	04.00-05.50	TH	PARK	112	
5	03.00	T TH	PARK	111	BELL FRANK J
	06.00-07.50 PM	TH	PARK	112	
331	CLIMATE		03.0 CR		
1	11.00	T TH	LAWSON	141	SHARPE DAVID M
	08.00	F	H EC	102	
2	11.00	T TH	LAWSON	141	SHARPE DAVID M
	08.00	F	TECH A	310	
3	11.00	T TH	LAWSON	141	SHARPE DAVID M
	09.00	F	H EC	102	
4	11.00	T TH	LAWSON	141	SHARPE DAVID M
	10.00	F	TECH A	310	
5	11.00	T TH	LAWSON	141	SHARPE DAVID M
	10.00	F	TECH A	308	
6	11.00	T TH	LAWSON	141	SHARPE DAVID M
	11.00	F	TECH A	310	
7	11.00	T TH	LAWSON	141	SHARPE DAVID M
	12.00	F	H EC	102	
8	11.00	T TH	LAWSON	141	SHARPE DAVID M
	12.00	F	TECH A	310	
9	11.00	T TH	LAWSON	141	SHARPE DAVID M
	01.00	F	H EC	102	
10	11.00	T TH	LAWSON	141	SHARPE DAVID M
	02.00	F	TECH A	310	
11	11.00	T TH	LAWSON	141	SHARPE DAVID M
	02.00	F	TECH A	308	
12	11.00	T TH	LAWSON	141	SHARPE DAVID M
	03.00	F	TECH A	310	
336	NUTRITIONAL ECOLOGY		03.0 CR		
1	01.00	M W F	H EC	140B	KJNISHI
340	ECOLOGY		03.0 CR		
1	09.00	M W F	NKRS B	440	
2	11.00	M W F	LS I	133	
3	01.00	M W F	PHY SB	440	
345	ECONOMIC BOTANY		03.0 CR		
1	12.00	M F	LAWSON	171	PORTZ & UGENT
	08.00	W	0871	101	PORTZ
2	12.00	M F	LAWSON	171	PORTZ & UGENT
	08.00	W	0861	102	PORTZ
3	12.00	M F	LAWSON	171	PORTZ & UGENT
	09.00	W	0861	102	UGENT
4	12.00	M F	LAWSON	171	PORTZ & UGENT
	09.00	W	0862	101	
5	12.00	M F	LAWSON	171	PORTZ & UGENT
	12.00	W	0871	101	UGENT
6	12.00	M F	LAWSON	171	PORTZ & UGENT
	12.00	W	0861	102	PORTZ
7	12.00	M F	LAWSON	171	PORTZ & UGENT
	02.00	W	0871	102	UGENT
8	12.00	M F	LAWSON	171	PORTZ & UGENT
	02.00	W	0862	102	PORTZ
9	12.00	M F	LAWSON	171	PORTZ & UGENT
	03.00	W	0871	102	UGENT
10	12.00	M F	LAWSON	171	PORTZ & UGENT
	03.00	W	0861	101	PORTZ
346	MEAT IN MANS WORLD		03.0 CR		
	PREREQ	SATISFY REQ IN GSA 200 OR JR S			
	TANDING				
1	10.00	M W F	AG	102	MILLER
358A	ANAL OF PHYS SYSTEM		03.0 CR		
	PREREQ	1ST LEVEL GSA & MATH	111A&B		
1	12.00	T TH	TECH A	111	
	06.00-07.50 PM	TH	TECH D	122	
2	12.00	T TH	TECH A	111	
	06.00-07.50 PM	T	TECH D	122	

3	12.00	T TH	TECH A	111	
	09.00-10.50	S	TECH D	122	
4	12.00	T TH	TECH A	111	
	03.00-04.50	T	TECH D	122	
358B	ANAL OF PHYS SYSTEM		03.0	CR	
	PREREQ GSA 358A				
1	03.00	T TH	TECH A	111	
	06.00-07.50 PM	M	TECH D	122	
2	03.00	T TH	TECH A	111	
	06.00-07.50 PM	W	TECH D	122	
3	03.00	T TH	TECH A	111	
	09.00-10.50	T	TECH D	122	
4	03.00	T TH	TECH A	111	
	09.00-10.50	TH	TECH D	122	
361	ACOUSTICS OF MUSIC		03.0	CR	
1	10.00	M W F	LAWSON	161	GORDON
2	11.00	M W F	LAWSON	161	GORDON
363A	PHIL OF SCIENCE		03.0	CR	
	PREREQ 1ST LEV SEQ OR ITS EQUIV IN				
	AREA A				
1	10.00	M W F	LAWSON	201	AUDI
	CROSSLISTED WITH GSC 363A				

### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

100A	WESTERN TRADITION		04.0	CR	
1	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	08.00	T	0720	101	
2	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	09.00	F	0862	102	
3	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	10.00	M	TECH A	422	
4	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	11.00	T	0720	106	
5	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	12.00	T	0720	103	
	ABOVE SECT IS HONOR SECT				
6	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	01.00	F	0720	105	
7	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	02.00	TH	TECH A	322	
8	12.00	M W	LAWSON	141	SHELBY
	12.00	TH	LAWSON	171	
	03.00	M	0720	106	
9	02.00	TW F	WHAM	308	DOTSON
	08.00	M	0720	114	
10	02.00	TW F	WHAM	308	DOTSON
	09.00	T	0720	105	
11	02.00	TW F	WHAM	308	DOTSON
	10.00	W	0720	104	
12	02.00	TW F	WHAM	308	DOTSON
	11.00	TH	0720	104	
100B	WESTERN TRADITION		04.0	CR	
	PREREQ 100A				
1	10.00	M WTH	WHAM	308	ZUCKER
	08.00	W	0720	102	
2	10.00	M WTH	WHAM	308	ZUCKER
	09.00	F	0720	116	
3	10.00	M WTH	WHAM	308	ZUCKER
	10.00	T	0720	109	



4	10.00	M	WTH	WHAM	308	ZUCKER
	11.00		TH	0875	101	
5	01.00		T THF	WHAM	105	DETWILER
	12.00	M	H EC		102	
6	01.00		T THF	WHAM	105	DETWILER
	01.00		W	PULL	43A	
7	01.00		T THF	WHAM	105	DETWILER
	02.00		W	PHY SA	458	
8	01.00		T THF	WHAM	105	DETWILER
	03.00		TH	0720	106	
9	01.00		T THF	WHAM	105	DETWILER
	04.00		T	0720	104	
10	01.00		T THF	WHAM	105	DETWILER
	06.00	PM	W	0720	104	
11	01.00		T THF	WHAM	105	DETWILER
	07.35-08.25 PM		T	0720	101	
12	01.00		T THF	WHAM	105	DETWILER
	01.00	M		BROWN	130	
13	01.00		T THF	WHAM	105	DETWILER
	08.00		TH	0720	103	
14	01.00		T THF	WHAM	105	DETWILER
	01.00		W	0720	106	
15	01.00		T THF	WHAM	105	DETWILER
	10.00		F	H EC	203	
16	01.00		T THF	WHAM	105	DETWILER
	11.00	M		FELTS	130	
102A	MAN AND HIS WORLD			04.0	CR	
1	08.00		T TH	LAWSON	151	
	01.00	M		H EC	306	
	08.00	M		PARK	124	
2	08.00		T TH	LAWSON	151	
	02.00	M		H EC	306	
3	08.00		T TH	LAWSON	151	
	03.00	M		H EC	306	
	08.00	M		PARK	124	
4	08.00		T TH	LAWSON	151	
	04.00	M		H EC	306	
	08.00	M		PARK	124	
5	08.00		T TH	LAWSON	151	
	01.00		F	H EC	306	
	08.00	M		PARK	124	
6	08.00		T TH	LAWSON	151	
	02.00		F	H EC	306	
	08.00	M		PARK	124	
7	08.00		T TH	LAWSON	151	
	03.00		F	H EC	306	
	08.00	M		PARK	124	
8	08.00		T TH	LAWSON	151	
	04.00		F	H EC	306	
	08.00	M		PARK	124	
9	08.00		T TH	LAWSON	151	
	08.00		W	H EC	306	
	08.00	M		PARK	124	
10	08.00		T TH	LAWSON	151	
	09.00		W	H EC	306	
	08.00	M		PARK	124	
11	08.00		T TH	LAWSON	151	
	10.00		W	H EC	306	
	08.00	M		PARK	124	
12	08.00		T TH	LAWSON	151	
	11.00		W	H EC	306	
	08.00	M		PARK	124	
13	09.00	M	W F	LAWSON	161	
	08.00		T	H EC	306	
14	09.00	M	W F	LAWSON	161	
	09.00		T	H EC	306	
15	09.00	M	W F	LAWSON	161	
	10.00		T	H EC	306	
16	09.00	M	W F	LAWSON	161	
	11.00		T	H EC	306	

17	09.00	M W F	LAWSON	161
	12.00	T	H EC	306
18	09.00	M W F	LAWSON	161
	12.00	W	H EC	306
19	09.00	M W F	LAWSON	161
	01.00	W	H EC	306
20	09.00	M W F	LAWSON	161
	02.00	W	H EC	306
21	09.00	M W F	LAWSON	161
	03.00	W	H EC	306
22	09.00	M W F	LAWSON	161
	04.00	W	H EC	306
23	09.00	M W F	LAWSON	161
	08.00	TH	H EC	306
24	09.00	M W F	LAWSON	161
	09.00	TH	H EC	306
25	01.00	M WTHF	H EC	122A
ABOVE SECT - HONORS Sect. 25				
26	01.00	M	LAWSON	161
	01.00	T TH	PARK	124
	08.00	M	H EC	306
27	01.00	M	LAWSON	161
	09.00	M	H EC	306
	01.00	T TH	PARK	124
28	01.00	M	LAWSON	161
	10.00	M	H EC	306
	01.00	T TH	PARK	124
29	01.00	M	LAWSON	161
	11.00	M	H EC	306
	01.00	T TH	PARK	124
30	01.00	M	LAWSON	161
	12.00	M	H EC	306
	01.00	T TH	PARK	124
31	01.00	M	LAWSON	161
	10.00	TH	H EC	306
	01.00	T TH	PARK	124
32	01.00	M	LAWSON	161
	11.00	TH	H EC	306
	01.00	T TH	PARK	124
33	01.00	M	LAWSON	161
	08.00	F	H EC	306
	01.00	T TH	PARK	124
34	01.00	M	LAWSON	161
	09.00	F	H EC	306
	01.00	T TH	PARK	124
35	01.00	M	LAWSON	161
	10.00	F	H EC	306
	01.00	T TH	PARK	124
36	01.00	M	LAWSON	161
	11.00	F	H EC	306
	01.00	T TH	PARK	124
37	01.00	M	LAWSON	161
	12.00	F	H EC	306
	01.00	T TH	PARK	124
38	03.00	M W F	LAWSON	161
	12.00	TH	H EC	306
39	03.00	M W F	LAWSON	161
	01.00	TH	H EC	306
40	03.00	M W F	LAWSON	161
	02.00	TH	H EC	306
41	03.00	M W F	LAWSON	161
	03.00	TH	H EC	306
42	03.00	M W F	LAWSON	161
	04.00	TH	H EC	306
43	03.00	M W F	LAWSON	161
	01.00	T	H EC	306
44	03.00	M W F	LAWSON	161
	02.00	T	H EC	306
45	03.00	M W F	LAWSON	161
	03.00	T	H EC	306

46	03.00	M W F	LAWSON	161	
	04.00	T	H EC	306	
47	03.00	M W F	LAWSON	161	
	02.00	TH	AG	148	
48	03.00	M W F	LAWSON	161	
	03.00	TH	PULL	43	
49	03.00	M W F	LAWSON	161	
	04.00	TH	H EC	203	
50	05.45-07.25	T TH	H EC	106	
102B	MAN AND HIS WORLD		04.0 CR		
1	08.00-09.50	M W	TECH A	310	CHRISTENSEN
	RESTRICTED TO PRESIDENTS		SCHOLARS Sect. 1		
2	08.00-09.50	M W	TECH A	308	CHRISTENSEN
3	08.00-09.50	M W	TECH A	222	CHRISTENSEN
4	08.00-09.50	M W	H EC	118	CHRISTENSEN
5	08.00-09.50	M W	H EC	102	CHRISTENSEN
6	08.00-09.50	M W	H EC	201	CHRISTENSEN
7	08.00-09.50	T TH	TECH A	310	CHRISTENSEN
8	08.00-09.50	T TH	TECH A	308	CHRISTENSEN
9	08.00-09.50	T TH	TECH A	222	CHRISTENSEN
10	08.00-09.50	T TH	H EC	118	CHRISTENSEN
11	08.00-09.50	T TH	H EC	102	CHRISTENSEN
12	10.00-11.50	M W	TECH A	310	CHRISTENSEN
13	10.00-11.50	M W	TECH A	308	CHRISTENSEN
14	10.00-11.50	M W	TECH A	222	CHRISTENSEN
15	10.00-11.50	M W	H EC	118	CHRISTENSEN
16	10.00-11.50	M W	H EC	102	CHRISTENSEN
17	10.00-11.50	M W	H EC	201	CHRISTENSEN
18	10.00-11.50	T TH	TECH A	310	CHRISTENSEN
19	10.00-11.50	T TH	TECH A	308	CHRISTENSEN
20	10.00-11.50	T TH	TECH A	222	CHRISTENSEN
21	10.00-11.50	T TH	H EC	118	CHRISTENSEN
22	10.00-11.50	T TH	H EC	102	CHRISTENSEN
23	12.00-01.50	M W	TECH A	310	CHRISTENSEN
24	10.00	M TH	WHAM	105	CHRISTENSEN
	10.00	T F	AG	144	
25	10.00	M TH	WHAM	105	CHRISTENSEN
	02.00	T F	AG	154	
26	10.00	M TH	WHAM	105	CHRISTENSEN
	08.00	W F	AG	144	
27	10.00	M TH	WHAM	105	CHRISTENSEN
	12.00	M W	AG	144	
28	10.00	M TH	WHAM	105	CHRISTENSEN
	11.00	M TH	AG	224	
29	10.00	M TH	WHAM	105	CHRISTENSEN
	02.00	M TH	AG	152	
30	10.00	M TH	WHAM	105	CHRISTENSEN
	02.00	T F	AG	152	
31	10.00	M TH	WHAM	105	CHRISTENSEN
	12.00	T F	AG	116	
32	10.00	M TH	WHAM	105	CHRISTENSEN
	12.00	T TH	AG	144	
33	02.00-03.50	T TH	TECH A	222	CHRISTENSEN
109	INTRO-BLACK AMERICA		04.0 CR		
1	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	WHAM	301A	
2	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	PHY SC	410	
3	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	TECH D	131	
4	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	AG	188	
5	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	PULL	43	
6	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	0721	101	
7	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	0720	116	
8	06.00	PM M W	LAWSON	171	SCOTT
	03.00-04.50	T	0720	117	

9	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	AG	144	
10	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	PULL	39	
11	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	AG	148	
12	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	AG	154	
13	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	AG	166	
14	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	AG	170	
15	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	PIERCE	130	
16	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	FELTS	130	
17	06.00	PM	M W	LAWSON	171	SCOTT
	03.00		T	WARREN	129	
18	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	ABBOTT	129	
19	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	ARENA	125	
20	06.00	PM	M W	LAWSON	171	SCOTT
	03.00-04.50		T	WHAM	231	
2018	SOCIETY & BEHAVIOR			04.0	CR	
1	08.00		TWTHF	0862	101	
2	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	08.00		M W	COMM	1022	
3	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	09.00		M	WHAM	228	
4	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	10.00		M W	BAILEY	130	
5	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	11.00		M	WHAM	321	
	11.00		W	WHAM	319	
6	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	01.00		M TH	WHAM	203	
7	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	02.00		M W	H EC	102	
8	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	03.00		M W	0862	102	
9	09.00		T TH	LAWSON	141	PATTERSON EDGAR I
	04.00		M W	0862	102	
10	09.00		M W	WHAM	105	GASTON JERRY C
	04.00		T F	0862	101	
11	09.00		M W	WHAM	105	GASTON JERRY C
	08.00		T F	0862	102	
12	09.00		M W	WHAM	105	GASTON JERRY C
	10.00		T F	0720	106	
13	09.00		M W	WHAM	105	GASTON JERRY C
	11.00		T	WHAM	312	
	11.00		F	WHAM	203	
14	09.00		M W	WHAM	105	GASTON JERRY C
	01.00		F	BAILEY	130	
	01.00		T	PIERCE	130	
15	09.00		M W	WHAM	105	GASTON JERRY C
	02.00		T F	PULL	43	
16	09.00		M W	WHAM	105	GASTON JERRY C
	03.00		T F	BAILEY	130	
17	09.00		M W	WHAM	105	GASTON JERRY C
	04.00		T F	TECH A	308	
18	12.00		TWTHF	LS I	16	
19	02.00		TWTHF	LS I	16	
20	04.00		M W	LAWSON	151	NALL ELIZABETH W
	08.00		M TH	LS II	250	
21	04.00		M W	LAWSON	151	NALL ELIZABETH W
	09.00		TH	GYM	203	
	09.00		M	AG	216	
22	04.00		M W	LAWSON	151	NALL ELIZABETH W
	10.00		M TH	PULL	43A	

23	04.00	M W	LAWSON	151	NALL ELIZABETH W
	11.00	M TH	LS II	250	
24	04.00	M W	LAWSON	151	NALL ELIZABETH W
	12.00	M TH	LS II	450	
25	04.00	M W	LAWSON	151	NALL ELIZABETH W
	01.00	T	WHAM	302	
	01.00	M	WHAM	212	

## ABOVE SECT RESTRICTED TO PRES SCHOLARS

26	04.00	M W	LAWSON	151	NALL ELIZABETH W
	02.00	M TH	LS I	323	
27	04.00	M W	LAWSON	151	NALL ELIZABETH W
	03.00	M TH	WHAM	308	
28	08.00	TWTHF	0861	101	
29	07.35-09.15 PM	T TH	LAWSON	201	
30	07.35-09.15 PM	M W	LAWSON	201	
201C	SOCIETY & BEHAVIOR		04.0	CR	
1	01.00	M W	LAWSON	151	CARRIER
	03.00-04.50	W	WHAM	112	
2	01.00	M W	LAWSON	151	CARRIER
	06.00-07.50 PM	W	PULL	39	
3	01.00	M W	LAWSON	151	CARRIER
	08.00-09.50	TH	PULL	39	
4	01.00	M W	LAWSON	151	CARRIER
	10.00-11.50	TH	PULL	39	
5	01.00	M W	LAWSON	151	CARRIER
	01.00-02.50	TH	PULL	39	
6	01.00	M W	LAWSON	151	CARRIER
	03.00-04.50	TH	PULL	39	
7	01.00	M W	LAWSON	151	CARRIER
	08.00-09.50	F	PULL	39	
8	01.00	M W	LAWSON	151	CARRIER
	12.00-01.50	F	PULL	39	
9	01.00	M W	LAWSON	151	CARRIER
	08.00-09.50	S	PULL	39	
10	01.00	M W	LAWSON	151	CARRIER
	10.00-11.50	S	PULL	39	
11	12.00	M W	NKRS B	240	SCHMECK RONALD R
	09.00-10.50	TH	WARREN	129	
12	12.00	M W	NKRS B	240	SCHMECK RONALD R
	02.00-03.50	TH	WARREN	129	
13	04.00	M W	LAWSON	141	CARRIER
	01.00-02.50	W	AG	154	
14	04.00	M W	LAWSON	141	CARRIER
	06.00-07.50 PM	TH	AG	148	
15	04.00	M W	LAWSON	141	CARRIER
	08.00-09.50	TH	AG	148	
16	04.00	M W	LAWSON	141	CARRIER
	10.00-11.50	TH	AG	148	
17	04.00	M W	LAWSON	141	CARRIER
	01.00-02.50	TH	AG	154	
18	04.00	M W	LAWSON	141	CARRIER
	03.00-04.50	TH	AG	154	
19	04.00	M W	LAWSON	141	CARRIER
	08.00-09.50	F	AG	154	
20	04.00	M W	LAWSON	141	CARRIER
	12.00-01.50	F	AG	222	
21	04.00	M W	LAWSON	141	CARRIER
	08.00-09.50	S	AG	116	
22	04.00	M W	LAWSON	141	CARRIER
	10.00-11.50	S	AG	116	
23	01.00-02.50	M	PARK	204	HEISLER
	03.00-04.50	TH	TECH A	410	
24	01.00-02.50	M	PARK	204	HEISLER
	03.00-04.50	W	PARK	309	
25	06.00-07.40 PM	M	LAWSON	141	MYERS
	03.00-04.50	W	PULL	39	
26	06.00-07.40 PM	M	LAWSON	141	MYERS
	03.00-04.50	W	WHAM	312	
27	06.00-07.40 PM	M	LAWSON	141	MYERS
	06.00-07.50 PM	TH	PULL	39	



28	06.00-07.40	PM	M	LAWSON	141	MYERS
	06.00-07.50	PM	W	AG	148	
29	06.00-07.40	PM	M	LAWSON	141	MYERS
	10.00-11.50		F	PULL	39	
30	06.00-07.40	PM	M	LAWSON	141	MYERS
	10.00-11.50		F	AG	148	
31	06.00-07.40	PM	M	LAWSON	141	MYERS
	02.00-03.50		F	PULL	39	
32	06.00-07.40	PM	M	LAWSON	141	MYERS
	02.00-03.50		F	AG	222	
33	06.00-07.40	PM	M	LAWSON	141	MYERS
	12.00-01.50		F	WHAM	328	
34	06.00-07.40	PM	M	LAWSON	141	MYERS
	02.00-03.50		F	WHAM	203	
35	12.00		M W	NKRS B	240	SCHMECK
	01.00-02.50		TH	AG	224	
210C	INTERCUL SEM-LAT	AM	02.0	TO 04.0	CR	
1	07.45-09.45	PM	M	H EC	206	
211A	POLITICAL ECONOMY			04.0	CR	
1	01.00		TWTHF	LAWSON	161	HAND GEORGE H
211B	POLITICAL ECONOMY			04.0	CR	
1	10.00		M W F	NKRS B	240	WASBY
	08.00		TH	WHAM	205	
2	10.00		M W F	NKRS B	240	WASBY
	08.00		T	WHAM	203	
3	10.00		M W F	NKRS B	240	WASBY
	09.00		T	AG	148	
4	10.00		M W F	NKRS B	240	WASBY
	09.00		TH	LS I	205	
5	10.00		M W F	NKRS B	240	WASBY
	10.00		T	PHY SA	478	
6	10.00		M W F	NKRS B	240	WASBY
	10.00		TH	PHY SA	278	
7	10.00		M W F	NKRS B	240	WASBY
	10.00		T	PHY SA	278	
8	10.00		M W F	NKRS B	240	WASBY
	12.00		T	WHAM	319	
9	10.00		M W F	NKRS B	240	WASBY
	12.00		TH	WHAM	319	
10	12.00		MTW F	WHAM	305	
11	03.00		M W F	LS I	133	LONG
	01.00		T	WHAM	312	
12	03.00		M W F	LS I	133	LONG
	01.00		TH	WHAM	228	
13	03.00		M W F	LS I	133	LONG
	02.00		T	COMM	1018	
14	03.00		M W F	LS I	133	LONG
	02.00		TH	WHAM	303	
15	03.00		M W F	LS I	133	LONG
	03.00		TH	PHY SA	278	
16	03.00		M W F	LS I	133	LONG
	03.00		T	WHAM	205	
17	03.00		M W F	LS I	133	LONG
	03.00		T	WHAM	326	
18	02.00		M W F	WHAM	105	GOODSELL
	04.00		T	WHAM	326	
19	05.45-07.25		M W	COMM	1021	
20	05.45-07.25		T TH	WHAM	201	
21	07.35-09.15	PM	M W	WHAM	303	
22	07.35-09.15	PM	T TH	WHAM	303	
299A	SURVIVAL OF MAN			04.0	CR	
1	12.00		M W F	LAWSON	151	
	01.00		F	AG	152	
2	12.00		M W F	LAWSON	151	
	01.00		T	AG	150	
3	12.00		M W F	LAWSON	151	
	10.00		T	AG	150	
4	12.00		M W F	LAWSON	151	
	11.00		T	AG	152	
5	12.00		M W F	LAWSON	151	
	12.00		T	AG	168	

6	12.00	M W F	LAWSON	151	
	12.00	TH	AG	168	
7	12.00	M W F	LAWSON	151	
	02.00	M	AG	188	
8	12.00	M W F	LAWSON	151	
	12.00	TH	AG	220	
9	12.00	M W F	LAWSON	151	
	02.00	W	AG	188	
10	12.00	M W F	LAWSON	151	
	11.00	TH	AG	188	
11	12.00	M W F	LAWSON	151	
	11.00	T	AG	188	
12	12.00	M W F	LAWSON	151	
	11.00	W	AG	154	
299B	SURVIVAL OF MAN		04.0	CR	
1	02.00	T THF	LAWSON	171	
	01.00	F	AG	224	
2	02.00	T THF	LAWSON	171	
	01.00	M	CL	326	
3	02.00	T THF	LAWSON	171	
	04.00	TH	CL	326	
4	02.00	T THF	LAWSON	171	
	03.00	F	AG	168	
5	02.00	T THF	LAWSON	171	
	02.00	W	AG	152	
6	02.00	T THF	LAWSON	171	
	02.00	M	AG	116	
7	02.00	T THF	LAWSON	171	
	03.00	M	AG	150	
8	02.00	T THF	LAWSON	171	
	04.00	M	AG	150	
9	02.00	T THF	LAWSON	171	
	12.00	W	AG	150	
10	02.00	T THF	LAWSON	171	
	12.00	F	AG	150	
11	02.00	T THF	LAWSON	171	
	03.00	W	AG	168	
12	02.00	T THF	LAWSON	171	
	11.00	T	AG	168	
300A	UNITED STATES HIST		03.0	CR	
1	11.00	T THF	WHAM	105	MURPHY
2	03.00	M WTH	LAWSON	141	AMMON
300B	UNITED STATES HIST		03.0	CR	
1	08.00	M W F	WHAM	105	WERLICH
2	12.00	T TH	LAWSON	161	HUDSON
	12.00	F	WHAM	105	
300C	UNITED STATES HIST		03.0	CR	
1	10.00	TW F	WHAM	105	CONRAD DAVID E
2	01.00	M TH	LAWSON	141	ALLEN
	01.00	T	LS I	133	
3	02.00	M	LAWSON	171	CARROTT
	02.00	T TH	LAWSON	161	
302	LAW CIVIL RIGHTS		03.0	CR	
1	08.00	MT TH	WHAM	201	GREGORY DONALD
303	INTERNATIONAL REL		04.0	CR	
1	08.00	MT THF	0861	102	STAUBER LELAND
2	10.00-11.50	M	PULL	38	PAINE
	10.00-11.50	W	0861	102	
3	10.00-11.50	W	0862	101	LEVINE MARK STEWART
	10.00-11.50	F	PHY SA	156	
4	02.00	MT TH	PHY SA	156	CHOU
	02.00	F	TECH A	420	
5	04.00	MTWTH	H EC	201	KLINGBERG
306	CHILD DEVELOPMENT		03.0	CR	
1	11.00	T THF	H EC	140B	
310	CURRENT EVENTS		01.0	TO 03.0	CR
1	10.00	F	LAWSON	151	FORD JAMES L C
	08.00	T	AG	148	BURRIS MICHAEL C
2	10.00	F	LAWSON	151	FORD JAMES L C
	09.00	M	AG	154	BURRIS MICHAEL C

3	10.00		F	LAWSON	151	FORD JAMES L C
	09.00	T		AG	224	DAY JOHN S
4	10.00		F	LAWSON	151	FORD JAMES L C
	10.00	W		AG	222	DAY JOHN S
5	10.00		F	LAWSON	151	FORD JAMES L C
	10.00	TH		AG	144	BURRIS MICHAEL C
6	10.00		F	LAWSON	151	FORD JAMES L C
	11.00	T		AG	148	BURRIS MICHAEL C
7	10.00		F	LAWSON	151	FORD JAMES L C
	12.00		F	AG	154	DAY JOHN S
8	10.00		F	LAWSON	151	FORD JAMES L C
	01.00	M		AG	222	DAY JOHN S
9	10.00		F	LAWSON	151	FORD JAMES L C
	01.00	TH		AG	150	BURRIS MICHAEL C
10	10.00		F	LAWSON	151	FORD JAMES L C
	02.00	T		AG	168	BURRIS MICHAEL C
11	10.00		F	LAWSON	151	FORD JAMES L C
	02.00	W		AG	170	DAY JOHN S
12	10.00		F	LAWSON	151	FORD JAMES L C
	03.00	W		AG	154	DAY JOHN S
311	ECON DEVELOP OF U S				03.0	CR
	PREREQ	GSB 101B OR 211A,B OR 215				
1	02.00	TW	F	LS I	323	ADAMS DONALD R
312	COMPAR ECON SYSTEMS				03.0	CR
	PREREQ	GSB 211A OR 215				
1	09.00	M W	F	LS II	146	JAM HABIB O E
314	ECON ANAL AG POL US				03.0	CR
	PREREQ	GSB 211				
1	10.00	MT TH		AG	225	LYBECKER
2	10.00	MT		AG	225	LYBECKER
	11.00	TH		AG	225	
321	SOCIALIZAT OF INDIV				03.0	CR
1	08.00	MT TH		WHAM	206	FRAZIER
331	AMER ED SYSTEM				03.0	CR
1	08.00	M W	F	WHAM	328	
2	08.00	MT TH		WHAM	228	
3	09.00	M W	F	WHAM	328	
4	10.00	M W	F	WHAM	328	
5	11.00	M W	F	WHAM	205	
6	01.00	M W	F	WHAM	205	
7	02.00	M W	F	WHAM	205	
8	03.00	M W	F	WHAM	205	
9	06.00-07.25 PM	T TH		WHAM	205	
10	06.00-07.25 PM	M W		WHAM	202	
340	HUM REL BETWN SEXES				03.0	CR
1	06.00-09.00 PM	T		WHAM	105	LEFEVRE JOHN R
341	MARRIAGE				03.0	CR
1	08.00	M W	F	WHAM	203	MOFFATT
2	10.00	M		WHAM	201	CROUCH
	10.00	W	F	TECH A	220	
3	12.00	M W	F	WHAM	201	CROUCH
4	04.00	M W	F	WHAM	210	SEWARD
345	INTR TO AM FGN POL				03.0	CR
1	10.00	M W		0871	101	LANDECKER MANFRED
	10.00		F	AG	168	
2	03.00	T THF		0875	102	TRIVERS HOWARD
346	CONSUM CHOICE-BEHAV				03.0	CR
	PREREQ	GSB 211A, 211B				
1	10.00	T THF		H EC	203	TROELSTRUP
353	ECON GEOG-RES MGT				03.0	CR
	PREREQ	NONE				
1	10.00	M WTH		0483	101	MCCAULEY
355	GEOG OF U S				03.0	CR
1	01.00	M WTH		LAWSON	131	HILLIARD
361	FUND OF DECIS MAKE				03.0	CR
	PREREQ	MATH 111-10 A&B OR GSD 108A &B				
1	03.00	M W	F	TECH A	111	
369	CONTEMP FAR EAST				03.0	CR
1	08.00	M W	F	0875	101	KUO PING-CHIA

380A	E EUR-CULT HERITAGE		03.0	CR	
1	09.00	T	WHAM	112	ODAY
	09.00	W F	PARK	111	
385	CONTEMP POL ISMS		03.0	CR	
1	10.00	TWTH	AG	216	
2	12.00	MT TH	0871	101	KAMARASY
390	INTR TO COMP GOVT		04.0	CR	
1	09.00	TWTHF	WHAM	228	BHATTACHARYYA
2	11.00	MT TH	0861	102	HARDENBERGH WILLIAM
	11.00	W	0720	109	
3	04.00	MTWTH	AG	116	MORRIS
391	SUB-SAHARAN GOVT		03.0	CR	
1	12.00	T THF	0861	102	DALE RICHARD
392	INTRO L A GOVT POL		03.0	CR	
1	04.00	MT TH	WHAM	112	GARNER WILLIAM R

### General Studies Area C—Man's Insights and Appreciations

#### (GSC)

100	MUSIC UNDERSTANDING		03.0	CR	
1	08.00	M W F	LAWSON	161	HANES
2	03.00	T THF	LAWSON	121	FLOYD
3	12.00	M W F	LAWSON	161	FEDDINS
101	ART APPRECIATION		03.0	CR	
1	08.00-09.50	T	ALLYN	102	DARLING LOWELL D
	11.00	M	WHLR	107	DARLING LOWELL D
	ADDITIONAL HOUR TBA				
2	10.00	T TH	LAWSON	141	DARLING LOWELL D
	08.00-09.50	M	ALLYN	102	WELLS ALLEN D
3	10.00	T TH	LAWSON	141	DARLING LOWELL D
	08.00-09.50	S	ALLYN	106	DARLING LOWELL D
4	10.00	T TH	LAWSON	141	RICHMOND WILLIAM E
	12.00-01.50	M	ALLYN	102	RICHMOND WILLIAM E
5	10.00	T TH	LAWSON	141	STRAZDINS ANDRIS
	12.00-01.50	F	ALLYN	102	STRAZDINS ANDRIS
6	10.00	T TH	LAWSON	141	RICHMOND WILLIAM E
	02.00-03.50	W	ALLYN	102	RICHMOND WILLIAM E
7	10.00	T TH	LAWSON	141	BRAUN SUZAN G
	10.00-11.50	F	ALLYN	102	BRAUN SUZAN G
8	10.00	T TH	LAWSON	141	PETITMERMET ROBERT
	10.00-11.50	S	ALLYN	102	PETITMERMET ROBERT
9	10.00	T TH	LAWSON	141	PETITMERMET ROBERT
	10.00-11.50	M	ALLYN	102	PETITMERMET ROBERT
10	10.00-11.50	T	ALLYN	102	PETITMERMET ROBERT
	10.00	TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA				
11	01.00-02.50	T	ALLYN	102	MCDONALD BERNARD J
	11.00	TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA				
12	01.00-02.50	TH	ALLYN	102	KAUFMAN EDNA
	11.00	F	WHLR	107	WELLS ALLEN D
	ADDITIONAL HOUR TBA				
13	02.00	T TH	LAWSON	151	DONOHUE DANIEL J
	12.00-01.50	W	ALLYN	102	DONOHUE DANIEL J
14	02.00	T TH	LAWSON	151	HARRIES MARGARET
	11.00-12.50	TH	ALLYN	102	HARRIES MARGARET
15	02.00	T TH	LAWSON	151	BRAUN SUZAN G
	08.00-09.50	F	ALLYN	102	BRAUN SUZAN G
16	02.00	T TH	LAWSON	151	KAUFMAN EDNA
	10.00-11.50	W	ALLYN	102	KAUFMAN EDNA
17	02.00	T TH	LAWSON	151	KAUFMAN EDNA
	10.00-11.50	S	ALLYN	106	KAUFMAN EDNA
18	02.00	T TH	LAWSON	151	MCDONALD BERNARD J
	08.00-09.50	TH	ALLYN	102	MCDONALD BERNARD J
19	02.00	T TH	LAWSON	151	BRAUN SUZAN G
	08.00-09.50	S	ALLYN	102	BRAUN SUZAN G
20	02.00-03.50	F	ALLYN	102	WELLS ALLEN D
	09.00	T	ALLYN	106	STRAZDINS ANDRIS
	ADDITIONAL HOUR TBA				

21	02.00-03.50	M		ALLYN	102	RICHMOND WILLIAM E
	09.00		F	WHLR	107	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
22	03.00-04.50		TH	ALLYN	102	ULMAN RICHARD LEE
	12.00		T	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
23	05.00-06.50		T	ALLYN	102	YATES CHARLES EMORY
	12.00		TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
24	05.00-06.50		TH	ALLYN	102	ULMAN RICHARD LEE
	09.00		TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
25	05.00-06.50		TH	ALLYN	106	HARRIES MARGARET
	10.00		T	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
26	05.00-06.50		W	ALLYN	106	YATES CHARLES EMORY
	07.35-08.25 PM		T	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
27	05.00-06.50		M	ALLYN	106	WHITE PAUL S
	02.00		TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
28	07.35-09.15 PM		M	ALLYN	106	WHITE PAUL S
	01.00		TH	ALLYN	106	WELLS ALLEN D
	ADDITIONAL HOUR TBA					
102	PROB-MORAL DEC-PHIL					
				03.0	CR	
1	09.00		T TH	LAWSON	171	GILLAN GARTH J
	11.00		TH	H EC	202	
2	09.00		T TH	LAWSON	171	GILLAN GARTH J
	12.00		TH	WHAM	317	
3	09.00		T TH	LAWSON	171	GILLAN GARTH J
	01.00		TH	H EC	201	
4	09.00		T TH	LAWSON	171	GILLAN GARTH J
	02.00		TH	WHLR	207	
5	09.00		T TH	LAWSON	171	GILLAN GARTH J
	03.00		TH	H EC	106	
6	09.00		T TH	LAWSON	171	GILLAN GARTH J
	08.00		F	H EC	202	
7	09.00		T TH	LAWSON	171	GILLAN GARTH J
	09.00		F	LS I	16	
8	09.00		T TH	LAWSON	171	GILLAN GARTH J
	10.00		F	H EC	120	
9	09.00		T TH	LAWSON	171	GILLAN GARTH J
	11.00		F	AG	154	
10	09.00		T TH	LAWSON	171	GILLAN GARTH J
	09.00		F	COMM	1018	
11	09.00		T TH	LAWSON	171	GILLAN GARTH J
	10.00		TH	0720	109	
12	09.00		T TH	LAWSON	171	GILLAN GARTH J
	01.00		TH	WHAM	329	
13	10.00		T TH	LAWSON	171	GILLESPIE
	02.00		TH	GYM	204	
14	10.00		T TH	LAWSON	171	GILLESPIE
	03.00		TH	H EC	104	
15	10.00		T TH	LAWSON	171	GILLESPIE
	08.00		F	H EC	118	
16	10.00		T TH	LAWSON	171	GILLESPIE
	09.00		F	WHAM	205	
17	10.00		T TH	LAWSON	171	GILLESPIE
	10.00		F	H EC	118	
18	10.00		T TH	LAWSON	171	GILLESPIE
	11.00		F	H EC	201	
19	10.00		T TH	LAWSON	171	GILLESPIE
	12.00		F	H EC	202	
20	10.00		T TH	LAWSON	171	GILLESPIE
	01.00		F	AG	116	
21	10.00		T TH	LAWSON	171	GILLESPIE
	01.00		TH	GYM	203	
22	10.00		T TH	LAWSON	171	GILLESPIE
	09.00		T	H EC	202	
23	11.00		M W	LAWSON	141	SCHILPP PAUL A
	01.00		W	H EC	202	



24	11.00	M W	LAWSON	141	SCHILPP PAUL A
	02.00	W	H EC	122	
25	11.00	M W	LAWSON	141	SCHILPP PAUL A
	03.00	W	WHAM	321	
26	11.00	M W	LAWSON	141	SCHILPP PAUL A
	08.00	TH	H EC	104	
27	11.00	M W	LAWSON	141	SCHILPP PAUL A
	09.00	TH	H EC	120	
28	11.00	M W	LAWSON	141	SCHILPP PAUL A
	10.00	TH	H EC	208	
29	11.00	M W	LAWSON	141	SCHILPP PAUL A
	11.00	TH	0862	101	
30	11.00	M W	LAWSON	141	SCHILPP PAUL A
	12.00	TH	H EC	208	
31	11.00	M W	LAWSON	141	SCHILPP PAUL A
	01.00	TH	H EC	208	
32	11.00	M W	LAWSON	141	SCHILPP PAUL A
	02.00	TH	H EC	208	
33	11.00	M W	LAWSON	141	SCHILPP PAUL A
	03.00	TH	0720	109	
34	11.00	M W	LAWSON	141	SCHILPP PAUL A
	08.00	F	AG	116	
35	01.00	T TH	LAWSON	171	HOWARD
	10.00	F	H EC	206	
36	01.00	T TH	LAWSON	171	HOWARD
	09.00	M	0720	117	
37	01.00	T TH	LAWSON	171	HOWARD
	10.00	M	AG	148	
38	01.00	T TH	LAWSON	171	HOWARD
	11.00	M	H EC	208	
39	01.00	T TH	LAWSON	171	HOWARD
	12.00	M	H EC	202	
40	01.00	T TH	LAWSON	171	HOWARD
	01.00	M	H EC	202	
41	01.00	T TH	LAWSON	171	HOWARD
	09.00	T	H EC	120	
42	01.00	T TH	LAWSON	171	HOWARD
	10.00	T	H EC	208	
43	03.00	T TH	LAWSON	151	KELLY MATTHEW
	08.00	M	H EC	202	
44	03.00	T TH	LAWSON	151	KELLY MATTHEW
	10.00	M	0862	101	
45	03.00	T TH	LAWSON	151	KELLY MATTHEW
	09.00	M	0862	101	
46	03.00	T TH	LAWSON	151	KELLY MATTHEW
	12.00	M	WHAM	208	
47	03.00	T TH	LAWSON	151	KELLY MATTHEW
	02.00	M	WHAM	201	
48	03.00	T TH	LAWSON	151	KELLY MATTHEW
	08.00	T	H EC	202	
49	03.00	T TH	LAWSON	151	KELLY MATTHEW
	09.00	T	H EC	206	
50	03.00	T TH	LAWSON	151	KELLY MATTHEW
	01.00	T	H EC	208	
51	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	06.00 PM	T	H EC	102	
52	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	09.00	T	COMM	1022	
53	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	12.00	T	H EC	202	
54	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	01.00	T	H EC	120	
55	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	03.00	T	H EC	208	
56	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	10.00	F	WHAM	210	
57	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	11.00	F	WHAM	112	
58	07.35-08.25 PM	T TH	LAWSON	151	ALLEN DOUGLAS M
	12.00	F	H EC	118	



103	WORLD LIT FOR COMP	03.0 CR
PREREQ	GSD 102 OR THE APPROPRIATE ACT	
	SCORE	
1	08.00	M W F 0720 107
2	08.00	MT TH 0720 108
3	08.00	M W F 0720 106
4	08.00	M W F 0720 105
5	08.00	MT TH 0720 104
6	08.00	M W F 0720 103
7	09.00	M W F FELTS 130
8	09.00	M W F WARREN 129
9	09.00	M W F 0720 114
10	09.00	T TH 0720 114
	09.00	F WHAM 317
11	09.00	M W F AG 150
ABOVE SECT RESTRICTED TO DEVEL SKILLS		
12	09.00	T TH TECH D 102
	09.00	F AG 116
13	09.00	M W F GYM 203
14	10.00	M W F FELTS 130
15	10.00	M W F WARREN 129
16	10.00	M AG 150
	10.00	W H EC 122
	10.00	F H EC 104
17	10.00	M W F GYM 203
18	10.00	T TH GYM 203
	10.00	M WHAM 321
19	10.00	M W F 0721 101
20	10.00	M W F 0720 109
21	11.00	M W F 0720 118
22	11.00	T TH 0720 117
	11.00	F COMM 1021
23	11.00	M W F WARREN 129
24	11.00	M W F 0720 117
25	11.00	T TH WHAM 228
	11.00	F WHLR 113
26	11.00	T TH AG 150
	11.00	F AG 222
27	11.00	M W F GYM 203
28	12.00	M W 0721 101
	12.00	F 0720 105
29	12.00	T TH 0720 118
	12.00	F WARREN 129
30	12.00	MT TH WARREN 129
31	12.00	M WTH GYM 203
32	12.00	M W F 0720 103
33	12.00	T THF 0720 102
34	12.00	MT TH AG 150
35	01.00	M W F ARENA 123
ABOVE SECT RESTRICTED TO DEVEL SKILLS		
36	01.00	T TH FELTS 130
	01.00	F WARREN 129
37	01.00	M WARREN 129
	01.00	T TH 0862 102
38	01.00	M W 0862 102
	01.00	TH H EC 122
39	01.00	M ARENA 119
	01.00	W F 0720 118
40	02.00	M WTH GYM 203
ABOVE SECT RESTRICTED TO FOREIGN STUDENTS		
41	02.00	M W F NKRS A 258
42	02.00	T TH 0720 105
	02.00	F 0720 106
43	02.00	T F GYM 203
	02.00	W 0721 101
44	02.00	MT TH AG 150
45	02.00	T THF PARK 111
46	02.00	M W 0861 101
	02.00	TH 0720 103

47	02.00	MT	PULL	39	
	02.00	TH	0720	106	
48	02.00	M WTH	0720	118	
49	03.00	M WTH	0720	107	
50	03.00	M W F	0720	105	
51	03.00	T THF	PARK	204	
52	03.00	T TH	AG	150	
	03.00	M	AG	154	
53	03.00	M W F	0720	117	
54	03.00	WTH	0720	101	
	03.00	M	WHAM	321	
55	03.00	MT TH	0720	104	
56	03.00	M WTH	0720	102	
57	04.00	M WTH	GYM	203	
58	04.00	T THF	0720	102	
59	04.00	T TH	AG	150	
	04.00	M	AG	154	
60	04.00	T THF	0720	101	
61	04.00	TH	PULL	43	
	04.00	M W	PULL	41	
62	04.00	MT TH	LS I	323	
63	04.00	M WTH	0720	106	
64	06.00-07.15	PM M W	WHAM	112	
65	06.00-07.15	PM M W	PARK	111	
66	06.00-07.15	PM T TH	PARK	111	
67	06.00-07.15	PM T TH	PULL	41	
68	06.00-07.15	PM M W	PULL	41	
69	06.00-07.15	PM M W	PULL	43	
70	06.00-07.15	PM M W	0720	114	
71	06.00-07.15	PM M W	H EC	122	
72	07.35-08.50	PM T TH	H EC	203	
73	07.35-08.50	PM M W	WHAM	112	
74	07.35-08.50	PM T TH	H EC	202	
75	07.35-08.50	PM M W	H EC	203	
76	07.35-08.50	PM M W	H EC	104	
77	07.35-08.50	PM M W	WHAM	202	
78	07.35-08.50	PM M W	WHAM	205	
79	07.35-08.50	PM T TH	WHAM	210	
80	07.35-08.50	PM M W	H EC	122	
81	02.00	M W F	0720	103	
82	02.00	M W F	0720	104	
83	12.00	M W F	0720	104	
84	04.00	M W F	0720	104	
85	12.00	M W F	0720	118	
86	01.00	M W F	0721	102	
87	03.00	M W F	0721	102	
88	08.00	M W F	0720	118	
89	12.00	M W F	0720	117	
90	06.00-07.25	PM T TH	0720	109	
91	07.35-08.50	PM T TH	0720	109	
92	01.00	M F	AG	170	
	01.00	W	0720	103	
110C	WESTERN HUMANITIES		03.0	CR	
1	10.00	M W F	PHY SB	440	PLOCHMANN
200	ORAL INTERP OF LIT		04.0	CR	
1	08.00	MTW	COMM	1018	
	08.00	W	COMM	1006	
2	08.00	TWTHF	COMM	1020	
3	09.00	MTW F	COMM	1020	
	RESTRICTED TO EL ED MAJORS		Sect. 3		
4	10.00	TW F	COMM	1018	
	10.00	TH	WHAM	326	
5	12.00	MTW F	COMM	1021	
	RESTRICTED TO EL ED MAJORS		Sect. 5		
6	12.00	MTWTH	COMM	1017	
7	01.00	MT THF	COMM	2012	
8	01.00-02.50	M W	COMM	1017	
	RESTRICTED TO EL ED MAJORS		Sect. 8		
9	02.00	M W F	COMM	1021	
	02.00	TH	CL	109	

10	04.00	TW F	COMM	1018	
	04.00	TH	COMM	2012	
11	07.35-09.15 PM	T TH	LAWSON	131	
12	07.35-09.15 PM	M W	COMM	1021	
201	INTRO TO DRAMA			03.0	CR
	PREREQ	GSC 103 OR EQUIV			
1	08.00	MT TH	0720	102	
2	08.00	M W F	WHAM	303	
3	09.00	T TH	WHAM	303	
	09.00	F	H EC	201	
4	10.00	M W F	WHAM	303	
	ABOVE SECT RESTRICTED TO PRES SCHOLARS				
5	11.00	T TH	WHAM	303	
	11.00	F	WHAM	206	
6	12.00	M W F	WHAM	303	
7	01.00	M W F	WHAM	303	
8	02.00	M W F	WHAM	303	
9	03.00	M W F	WHAM	303	
10	04.00	M W F	WHAM	303	
11	06.00-07.15 PM	M W	WHAM	303	
12	07.35-08.50 PM	M W	H EC	102	
202	INTRO TO POETRY			03.0	CR
	PREREQ	GSC 103 OR EQUIV			
1	08.00	T TH	WHAM	303	
	08.00	F	WHAM	206	
2	09.00	M W F	WHAM	303	
3	10.00	T TH	WHAM	303	
	10.00	F	WHAM	206	
4	11.00	M W F	WHAM	303	
5	12.00	M	WHAM	307	
	12.00	T TH	WHAM	303	
6	01.00	M	WHAM	307	
	01.00	T TH	WHAM	303	
7	02.00	M TH	AG	166	
	02.00	T	0720	116	
8	03.00	M	WHAM	307	
	03.00	T TH	WHAM	303	
9	04.00	M	WHAM	307	
	04.00	T TH	WHAM	303	
10	06.00-07.15 PM	T TH	WHAM	303	
203	DRAMA-ARTS OF THEA			03.0	CR
1	11.00	T TH	COMM	1037	GRAY WINSTON G
	03.00	TH	WHAM	210	JACKSON
2	11.00	T TH	COMM	1037	GRAY WINSTON G
	04.00	TH	COMM	1017	LEONARD LYNN
3	11.00	T TH	COMM	1037	GRAY WINSTON G
	03.00	F	COMM	1006	SITZMAN MARION FR
4	11.00	T TH	COMM	1037	GRAY WINSTON G
	04.00	F	COMM	1017	SITZMAN MARION FR
5	11.00	T TH	COMM	1037	GRAY WINSTON G
	01.00	TH	PIERCE	130	JACKSON
6	11.00	T TH	COMM	1037	GRAY WINSTON G
	01.00	F	COMM	1021	MALLOON
7	11.00	T TH	COMM	1037	GRAY WINSTON G
	12.00	F	COMM	1006	MALLOON
8	11.00	T TH	COMM	1037	GRAY WINSTON G
	02.00	TH	LS II	430	JACKSON
9	11.00	T TH	COMM	1037	GRAY WINSTON G
	02.00	F	COMM	1020	SITZMAN MARION FR
10	11.00	T TH	COMM	1037	GRAY WINSTON G
	12.00	F	COMM	1017	MALLOON
11	11.00	T TH	COMM	1037	GRAY
	12.00	F	COMM	1022	LEONARD LYNN
12	11.00	T TH	COMM	1037	GRAY WINSTON G
	02.00	F	COMM	1022	LEONARD LYNN
13	11.00	T TH	COMM	1037	GRAY WINSTON G
	09.00	F	COMM	1017	CONVERSE
14	11.00	T TH	COMM	1037	GRAY WINSTON G
	10.00	F	CL	326	CONVERSE
15	11.00	T TH	COMM	1037	GRAY WINSTON G
	11.00	F	CL	326	CONVERSE

16	11.00	T TH	COMM	1037	GRAY
	01.00	F	0861	101	LEONARD
17	11.00	T TH	COMM	1037	GRAY
	02.00	F	CL	24	CONVERSE
18	11.00	T TH	COMM	1037	GRAY
	03.00	F	0861	101	JACKSON
19	11.00	T TH	COMM	1037	GRAY
	04.00	F	0861	101	SITZMANN
20	11.00	T TH	COMM	1037	GRAY
	02.00	TH	0861	101	MALDON
204	MEANING IN VIS ARTS				
	PREREQ GSC 101 OR CONSENT				
	04.00	MTWTH	LAWSON	171	SULLIVAN JAMES E
205	MANS CONTEMP ENVIR				
	04.00 CR				
1	09.00-10.50	T	LAWSON	121	GROSOWSKY
	10.00	THF	LAWSON	121	
2	08.00	T	LAWSON	161	GROSOWSKY
	08.00-09.50	TH	LAWSON	161	
	09.00	F	LAWSON	171	
3	03.00-04.50	T	LAWSON	161	GROSOWSKY
	04.00	THF	LAWSON	161	
206	FOUNDATIONS OF MUS				
	04.00 CR				
	PREREQ GSC 100 OR CONSENT				
1	08.00	TWTHF	ALTG	116	EDDINS JOHN
2	12.00	TWTHF	ALTG	116	FLOYD SAMUEL
207	PHIL OF BEAUTIFUL				
	03.00 CR				
1	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	11.00	TH	H EC	201	
2	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	01.00	TH	AG	116	
3	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	09.00	F	H EC	118	
4	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	10.00	F	H EC	106	
5	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	01.00	F	H EC	203	
6	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	02.00	F	WHAM	329	
7	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	08.00	M	H EC	206	
8	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	09.00	M	0862	102	
9	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	12.00	T	H EC	208	
10	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	02.00	TH	AG	116	
11	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	10.00	M	H EC	206	
12	10.00	T TH	LAWSON	161	MCCLURE GEORGE T
	11.00	M	PHY SA	160	
208	LOGIC AND MEANING				
	04.00 CR				
1	09.00	M W F	LAWSON	151	EAMES S MORRIS
	10.00	F	WHAM	205	
2	09.00	M W F	LAWSON	151	EAMES S MORRIS
	11.00	F	WHAM	202	
3	09.00	M W F	LAWSON	151	EAMES S MORRIS
	12.00	F	WHAM	112	
4	09.00	M W F	LAWSON	151	EAMES S MORRIS
	01.00	F	H EC	201	
5	09.00	M W F	LAWSON	151	EAMES S MORRIS
	02.00	F	H EC	206	
6	09.00	M W F	LAWSON	151	EAMES S MORRIS
	03.00	F	H EC	118	
7	09.00	M W F	LAWSON	151	EAMES S MORRIS
	10.00	TH	WHLR	212	
8	09.00	M W F	LAWSON	151	EAMES S MORRIS
	08.00	M	WHLR	113	
9	09.00	M W F	LAWSON	151	EAMES S MORRIS
	02.00	W	0721	102	
10	09.00	M W F	LAWSON	151	EAMES S MORRIS
	03.00	W	WHAM	201	

11	09.00	M W F	LAWSON	151	EAMES S MORRIS
	08.00	TH	H EC	104	
12	09.00	M W F	LAWSON	151	EAMES S MORRIS
	09.00	TH	0720	106	
13	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	10.00	TH	0721	101	
14	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	11.00	TH	WHLR	107	
15	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	12.00	TH	WHAM	206	
16	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	02.00	TH	WHLR	214	
17	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	08.00	TH	H EC	202	
18	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	09.00	TH	COMM	1020	
19	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	11.00	TH	0871	102	
20	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	12.00	TH	WHAM	228	
21	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	03.00	TH	WHAM	205	
22	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	08.00	F	H EC	122	
23	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	09.00	F	PULL	41	
24	01.00	M W F	LAWSON	171	EAMES ELIZABETH R
	10.00	F	PULL	41	
209	MOD LIT FORM IDEA				04.0 CR
	PREREQ	GSC 103	OR EQUIV		
1	08.00	T TH	WHAM	317	
	08.00	M W	COMM	1021	
2	09.00	T THF	WHAM	307	
	09.00	M	0720	102	
3	09.00	T TH	0720	103	
	09.00	W	0720	102	
	09.00	F	WHAM	210	
4	10.00	MT THF	WHAM	307	
5	11.00	MT THF	WHAM	307	
6	12.00	TWTHF	WHAM	307	
7	12.00	M F	WHAM	317	
	12.00	T TH	PULL	43A	
8	01.00	TWTHF	WHAM	307	
9	01.00	MT THF	PULL	43	
10	02.00	TWTHF	WHAM	307	
11	02.00	MT THF	WHAM	319	
12	03.00	TWTHF	WHAM	307	
13	03.00	MT THF	WHAM	319	
14	05.45-07.25	M W	WHAM	307	
15	07.35-09.15 PM	M W	WHAM	307	
210	INTRO TO FICTION				03.0 CR
	PREREQ	GSC 103	OR EQUIV		
1	08.00	M W F	WHAM	317	
2	09.00	M W F	0720	103	
3	10.00	M W F	0720	103	
4	10.00	M	WHAM	208	
	10.00	W F	0720	118	
5	11.00	M W F	WHAM	317	
6	12.00	M WTH	H EC	122	
7	12.00	T TH	0720	117	
	12.00	F	H EC	122	
8	01.00	M WTH	0862	101	
9	02.00	M WTH	PARK	204	
ABOVE SECT RESTRICTED TO PRES SCHOLARS					
10	03.00	M WTH	GYM	203	
11	04.00	M WTH	WHAM	208	
12	06.00-07.15 PM	M W	H EC	201	
13	06.00-07.15 PM	T TH	0720	103	
14	07.35-08.50 PM	M W	H EC	201	
15	07.35-08.50 PM	T TH	0720	103	



211C	ORIENTAL HUMANITIES			03.0	CR	
1	09.00	M		LAWSON	221	LIU SHU-HSIEN
	09.00	W		WHAM	302	
	09.00		F	PULL	38	
215	TYPES OF RELIGION			04.0	CR	
1	12.00	T	THF	WHAM	308	HAYWARD JOHN F
	10.00	T		COMM	1017	SMITH LEMUEL E
2	12.00	T	THF	WHAM	308	HAYWARD JOHN F
	11.00	T		COMM	1017	SMITH
3	12.00	T	THF	WHAM	308	HAYWARD JOHN F
	02.00	W		WHAM	302	HAYWARD
4	12.00	T	THF	WHAM	308	HAYWARD JOHN F
	04.00	T		COMM	1017	SMITH LEMUEL E
299A	SURVIVAL OF MAN			04.0	CR	
1	12.00	M	W F	LAWSON	151	
	01.00		F	AG	152	
2	12.00	M	W F	LAWSON	151	
	01.00	T		AG	150	
3	12.00	M	W F	LAWSON	151	
	10.00	T		AG	150	
4	12.00	M	W F	LAWSON	151	
	11.00	T		AG	152	
5	12.00	M	W F	LAWSON	151	
	12.00	T		AG	168	
6	12.00	M	W F	LAWSON	151	
	12.00		TH	AG	168	
7	12.00	M	W F	LAWSON	151	
	02.00	M		AG	188	
8	12.00	M	W F	LAWSON	151	
	12.00		TH	AG	220	
9	12.00	M	W F	LAWSON	151	
	02.00	W		AG	188	
10	12.00	M	W F	LAWSON	151	
	11.00		TH	AG	188	
11	12.00	M	W F	LAWSON	151	
	11.00	T		AG	188	
12	12.00	M	W F	LAWSON	151	
	11.00	W		AG	154	
299B	SURVIVAL OF MAN			04.0	CR	
1	02.00	T	THF	LAWSON	171	
	01.00		F	AG	224	
2	02.00	T	THF	LAWSON	171	
	01.00	M		CL	326	
3	02.00	T	THF	LAWSON	171	
	04.00		TH	CL	326	
4	02.00	T	THF	LAWSON	171	
	03.00		F	AG	168	
5	02.00	T	THF	LAWSON	171	
	02.00	W		AG	152	
6	02.00	T	THF	LAWSON	171	
	02.00	M		AG	116	
7	02.00	T	THF	LAWSON	171	
	03.00	M		AG	150	
8	02.00	T	THF	LAWSON	171	
	04.00	M		AG	150	
9	02.00	T	THF	LAWSON	171	
	12.00	W		AG	150	
10	02.00	T	THF	LAWSON	171	
	12.00		F	AG	150	
11	02.00	T	THF	LAWSON	171	
	03.00	W		AG	168	
12	02.00	T	THF	LAWSON	171	
	11.00	T		AG	168	
307	EARLY ISLAMIC CUL			03.0	CR	
1	03.00	T	TH	H EC	140B	BARGEBUHR FREDERICK
	11.00	W		WHAM	328	SMITH LEMUEL E
2	03.00	T	TH	H EC	140B	BARGEBUHR FREDERICK
	02.00	W		PULL	43	SMITH LEMUEL E
3	03.00	T	TH	H EC	140B	BARGEBUHR FREDERICK
	04.00	W		H EC	203	SMITH LEMUEL E

4	03.00	T TH	H EC	140B	BARGEBUHR	FREDERICK
	03.00	F	H EC	201	BARGEBUHR	FREDERICK
310	REL FOUND-WEST CIVIL		03.0	CR		
1	01.00	W F	LAWSON	141	BARGEBUHR	FREDFRICK
	09.00	TH	PULL	43A		
2	01.00	W F	LAWSON	141	BARGEBUHR	FREDERTICK
	09.00	F	0862	101		
3	01.00	W F	LAWSON	141	BARGEBUHR	FREDERICK
	10.00	TH	WHAM	202		
4	01.00	W F	LAWSON	141	BARGEBUHR	FREDERICK
	10.00	F	WHAM	317		
5	01.00	W F	LAWSON	141		
	11.00	TH	PULL	43		
6	01.00	W F	LAWSON	141		
	11.00	F	WHAM	312		
7	01.00	W F	LAWSON	141		
	12.00	TH	WHAM	305		
8	01.00	W F	LAWSON	141		
	12.00	F	WHAM	319		
9	01.00	W F	LAWSON	141		
	01.00	TH	PULL	43A		
10	01.00	W F	LAWSON	141		
	02.00	W	WHAM	319		
11	01.00	W F	LAWSON	141		
	02.00	TH	PULL	43		
12	01.00	W F	LAWSON	141		
	03.00	W	WHAM	319		
312	PHIL-REL FAR EAST		03.0	CR		
1	12.00	T	LAWSON	141	LIU SHU-HSIEN	
	12.00	THF	LAWSON	141		
317	RECENT AMER LIT		03.0	CR		
	PREREQ GSC 103 OR EQUIV					
1	08.00	MT TH	WHAM	321		
2	09.00	M W F	0721	101		
3	10.00	MT TH	0720	116		
4	11.00	T THF	0720	116		
5	12.00	T THF	0720	116		
6	01.00	MT TH	0720	118		
7	01.00	M W F	0720	117		
8	02.00	M WTH	0720	117		
9	03.00	M WTH	AG	148		
10	04.00	M WTH	PHY SA	458		
11	06.00-07.25 PM	T TH	0720	105		
12	07.35-09.00 PM	T TH	0720	105		
325	BLACK AMER WRITERS		03.0	CR		
	PREREQ GSC 103 OR EQUIVALENT					
1	12.00	M W	0720	102		
	12.00	F	0720	106		
2	11.00	M W	0720	108		
	11.00	F	0720	103		
3	01.00	M W	0720	107		
	01.00	F	WHAM	210		
330	CLASSICAL MYTHOLOGY		03.0	CR		
1	02.00	M WTH	LAWSON	201	OBRIEN JOAN V	
332	CLASSICAL DRAMA		03.0	CR		
1	01.00	M WTH	AG	166	OBRIEN JOAN V	
342	MODERN ART C-20 CEN		03.0	CR		
1	08.00	T THF	LAWSON	171	COLBERT CHARLES D	
345A	WORLD LITERATURE		03.0	CR		
	PREREQ GSC 103 OR EQUIV					
1	10.00	M	0720	106		
	10.00	T TH	0720	103		
2	11.00	M	AG	220		
	11.00	T TH	AG	170		
345C	WORLD LITERATURE		03.0	CR		
	PREREQ GSC 103 OR EQUIV					
1	10.00	M W F	WHAM	329		
2	12.00	M W F	AG	188		
3	01.00	M W F	WHAM	321		
4	02.00	M W F	WHLR	214		

349	THE CINEMA			03.0	CR	
1	10.00	T		H EC	140B	BLUMENBERG
	07.00-09.50 PM	T		H EC	140B	
	NOTE-NOT OPEN TO CINE MAJ, \$5 SCREEN FEE					
351A	MASTERPIECES NOVEL			03.0	CR	
	PREREQ	GSC 103 OR EQUIV				
1	10.00	M		AG	216	
	10.00	T TH		0720	102	
2	01.00	M W F		AG	188	
351B	MASTERPIECES NOVEL			03.0	CR	
	PREREQ	GSC 103 OR EQUIV				
1	01.00	M		WHAM	208	
	01.00	T TH		AG	188	
354B	HISTORY OF THEATRE			03.0	CR	
1	12.00	M W F		TECH A	111	KOZLENKO WILLIAM
363A	PHIL OF SCIENCE			03.0	CR	
1	10.00	M W F		LAWSON	201	AUDI
	CROSSLISTED WITH GSA 363A					
365	SHAKESPEARE			03.0	CR	
	PREREQ	GSC 103 OR EQUIV				
1	12.00	M W		H EC	203	
	12.00	F		0720	108	
2	01.00	MT TH		PARK	301	
3	02.00	T TH		0720	109	
	02.00	W		0720	102	
4	03.00	T THF		0720	118	
370	AMERICAN FOLK MUSIC			03.0	CR	
	PREREQ	GSC 100 OR EQUIV				
1	01.00	M W F		ALTG	115	BRANCH LONDON G
371	EVOLUTION OF JAZZ			03.0	CR	
	PREREQ	GSC 100 OR EQUIV				
1	09.00	M W F		ALTG	115	BRANCH, LONDON
2	02.00	M W F		ALTG	115	BRANCH LONDON G
383	EARLY MODERN PHIL			03.0	CR	
1	08.00	M W F		H EC	208	DEMATTEIS
2	12.00	M W F		H EC	208	DEMATTEIS
3	01.00	M W F		H EC	208	DIEFENBECK JAMES A
4	02.00	M W F		H EC	208	CLARKE
5	03.00	M W F		H EC	208	FRONDIZI
387	RECENT AMER PHIL			03.0	CR	
1	02.00	M W F		LAWSON	141	HAHN LEWIS EDWIN

### General Studies Area D—Organization and Communication of

#### Ideas (GSD)

101	ENGLISH COMPOSITION			03.0	CR	
1	08.00	MT TH		PIERCE	130	
	ABOVE SECT RESTRICTED TO DEVEL SKILLS					
2	08.00	M W F		0720	109	
3	09.00	M W		0720	116	
	09.00	F		0720	117	
4	09.00	T TH		WHAM	328	
	09.00	F		WHAM	203	
5	10.00	M W F		0721	102	
6	10.00	T THF		0720	104	
7	11.00	M W F		0871	101	
8	11.00	T TH		0871	101	
	11.00	F		H EC	106	
9	11.00	M W		PULL	39	
	11.00	F		PULL	41	
10	12.00	TW F		WHAM	203	
11	02.00	MT TH		PHY SA	458	
12	03.00	MT TH		0720	108	
13	04.00	MT TH		WHAM	312	
14	06.00-07.15 PM	T TH		WHAM	307	
15	07.35-08.50 PM	T TH		WHAM	307	
102	ENGLISH COMPOSITION			03.0	CR	
	PREREQ	GSD 101 OR THE APPROPRIATE ACT SCORE				
1	08.00	M W F		0721	101	
2	08.00	T THF		0720	114	

3	08.00	M W F	0720	116
4	09.00	M W F	0720	118
5	09.00	M W F	0720	105
6	10.00	MT TH	0720	114
ABOVE SECT RESTRICTED TO DEVEL SKILLS				
7	10.00	M W F	0720	117
8	10.00	MT TH	0720	118
9	11.00	TW F	0720	104
10	11.00	M W F	0875	101
11	11.00	MT TH	AG	154
12	12.00	T THF	0720	107
13	12.00	MT TH	WHAM	312
14	12.00	M WTH	0720	108
15	12.00	TW F	0720	109
16	12.00	T THF	0721	101
17	02.00	T F	TECH A	122
	02.00	W	TECH A	120
18	02.00	M TH	TECH A	120
	02.00	F	WHAM	202
19	02.00	T F	0720	117
	02.00	W	0720	108
20	02.00	T F	0720	118
	02.00	W	0720	106
21	03.00	TW F	0720	109
22	03.00	M WTH	0721	101
23	03.00	MT TH	WHAM	312
24	03.00	T THF	0720	114
25	04.00	T	WHAM	317
	04.00	W F	WHAM	321
26	04.00	MT TH	WHAM	321
27	04.00	MT TH	0720	107
28	06.00-07.15 PM	T TH	0720	108
29	06.00-07.15 PM	T TH	AG	150
30	06.00-07.15 PM	M W	WHAM	329
31	06.00-07.15 PM	T TH	0720	117
32	07.35-08.50 PM	M W	WHAM	312
33	07.35-08.50 PM	T TH	0720	104
34	07.35-08.50 PM	T TH	AG	150
35	07.35-08.50 PM	T TH	H EC	102
36	08.00	M W F	0721	102
37	12.00	M W F	0721	102
38	03.00	M W F	0720	116
103	ORAL COMM OF IDEAS		03.0 CR	
1	08.00	M W F	AG	222
	01.00	TH	LAWSON	231
2	08.00	M W F	COMM	1017
	01.00	TH	LAWSON	101
3	08.00	M W F	WHAM	305
	01.00	TH	COMM	1022
4	08.00	M W F	PULL	43
	01.00	TH	COMM	1020
5	08.00	TWTH	PULL	41
	12.00	TH	COMM	1021
6	08.00	T TH	WHAM	305
	08.00	W	WHAM	321
	12.00	TH	COMM	1022
7	09.00	M W F	ARENA	125
	01.00	TH	LAWSON	231
8	09.00	M W F	PHY SA	458
	01.00	TH	LAWSON	101
9	09.00	M W F	WHAM	305
	01.00	TH	COMM	1022
10	09.00	M W F	PULL	43
	01.00	TH	COMM	1021
11	09.00	TWTH	PULL	41
	12.00	TH	COMM	1021
12	09.00	T TH	WHAM	305
	09.00	W	WHAM	321
	12.00	TH	COMM	1022
13	10.00	MT TH	AG	222
	08.00	TH	LAWSON	231

14	10.00	MT TH	LAWSON	2012
15	10.00	MT TH	WHAM	305
	08.00	TH	COMM	1022
16	10.00	MT TH	PULL	41
	08.00	TH	H EC	201
17	10.00	M W F	COMM	1017
	09.00	TH	H EC	201
18	11.00	MT TH	AG	222
	08.00	TH	LAWSON	231
19	11.00	MT TH	COMM	2012
	08.00	TH	LAWSON	101
20	11.00	MT TH	WHAM	305
	08.00	TH	COMM	1022
21	11.00	MT TH	PULL	41
	08.00	TH	H EC	201
22	11.00	M W F	COMM	1017
	09.00	TH	H EC	201
23	12.00	M WTHF	COMM	1018
RESERVED FOR PRESIDENT SCHOLARS Sect. 23				
24	01.00	T THF	COMM	1017
	12.00	TH	LAWSON	231
25	01.00	T THF	PULL	41
	12.00	TH	LAWSON	101
26	01.00	M W F	AG	150
	09.00	TH	COMM	1021
27	01.00	TWTH	AG	222
	10.00	TH	LAWSON	231
28	01.00	M W	AG	216
	10.00	TH	LAWSON	101
	01.00	F	NKRS A	458
29	01.00	M W F	WHAM	305
	10.00	TH	COMM	1022
30	02.00	T THF	COMM	1017
	12.00	TH	LAWSON	231
31	02.00	T THF	PULL	41
	12.00	TH	LAWSON	101
32	02.00	W F	AG	150
	09.00	TH	COMM	1021
	02.00	M	AG	222
33	02.00	TWTH	AG	222
	10.00	TH	LAWSON	231
34	02.00	M W F	AG	216
	10.00	TH	LAWSON	101
35	02.00	M W F	WHAM	305
	10.00	TH	COMM	1017
36	03.00	T THF	PULL	41
	09.00	TH	LAWSON	231
37	03.00	T TH	COMM	1022
	03.00	F	COMM	1020
	09.00	TH	LAWSON	101
38	03.00	T THF	TECH A	122
	09.00	TH	COMM	1022
39	03.00	M W	AG	222
	03.00	F	AG	220
	11.00	TH	LAWSON	231
40	03.00	T THF	H EC	202
	11.00	TH	LAWSON	101
41	03.00	M W F	AG	188
	11.00	TH	COMM	1021
42	03.00	MT TH	WHAM	305
	11.00	TH	COMM	1022
43	04.00	M WTHF	COMM	1020
44	04.00	T THF	PULL	41
	09.00	TH	LAWSON	231
45	04.00	T THF	COMM	1022
	09.00	TH	LAWSON	101
46	04.00	T THF	TECH A	122
	09.00	TH	COMM	1022
47	04.00	M W F	AG	222
	11.00	TH	LAWSON	231
	04.00	F	0875	101



48	04.00	T THF	H EC	202
	11.00	TH	LAWSON	101
49	04.00	M W F	COMM	2012
	11.00	TH	COMM	1021
50	04.00	MT TH	WHAM	305
	11.00	TH	COMM	1022
51	06.00-07.25 PM	M W	COMM	1020
	08.00	TH	COMM	1021
52	06.00-07.25 PM	T TH	COMM	1020
	10.00	TH	COMM	1021
53	06.00-07.25 PM	M W	COMM	1022
	09.00	TH	H EC	206
54	06.00-07.25 PM	M W	COMM	2012
	10.00	TH	COMM	1018
55	06.00-07.25 PM	M W	COMM	1018
	11.00	TH	COMM	1018
56	06.00-07.25 PM	T TH	COMM	1006
	12.00	TH	COMM	1020
57	06.00-07.25 PM	T TH	COMM	1018
	01.00	TH	COMM	1018
58	07.35-09.00 PM	M W	COMM	1020
	08.00	TH	COMM	1021
59	07.35-09.00 PM	T TH	COMM	1020
	10.00	TH	COMM	1021
60	07.35-09.00 PM	M W	COMM	1022
	09.00	TH	H EC	206
61	07.35-09.00 PM	M W	COMM	2012
	10.00	TH	COMM	1018
62	07.35-09.00 PM	M W	COMM	1018
	11.00	TH	COMM	1018
63	07.35-09.00 PM	T TH	COMM	1006
	12.00	TH	COMM	1018
64	07.35-09.00 PM	T TH	COMM	1018
	01.00	TH	COMM	1018
65	06.00-07.25 PM	T TH	COMM	1006
	10.00	TH	H EC	201
66	07.35-09.00 PM	T TH	COMM	1021
	10.00	TH	H EC	201
106	INTERMED ALGEBRA		00.0 CR	
1	08.00	MT THF	0871	101
	ABOVE SECT FOR PRE-107 STUDENTS			
2	10.00	MT TH S	0861	102
	ABOVE SECTION FOR PRE-111A STUDENTS			
3	12.00	MTWTH	AG	154
	ABOVE SECTION FOR PRE-107 STUDENTS			
4	04.00	MTWTH	PHY SC	118
	ABOVE SECTION FOR PRE-111A STUDENTS			
107	BASIC COLLEGE MATH		05.0 CR	
1	08.00	MTWTHF	AG	224
2	08.00	M WTHFS	TECH A	422
3	09.00	MTWTHF	TECH A	422
4	10.00	M	PHY SA	160
	10.00	W	PHY SA	156
	10.00	T TH S	PHY SC	118
	11.00	TWTHFS	PHY SA	160
5	11.00	MTWTHF	TECH D	131
6	11.00	MTWTHF	PHY SA	156
7	12.00	MTWTHF	TECH A	422
8	12.00	MTWTHF	TECH A	408
9	01.00	MTWTHF	PHY SA	160
10	02.00	MTWTHF	TECH A	208
11	02.00	MTWTHF	TECH A	208
12	03.00	MTWTHF	PHY SC	218
13	06.00-07.25 PM	M WTH	PHY SC	218
14	07.35-09.00 PM	M WTH	03.0 CR	
109	ELEMENTS OF PROBAB			
	PREREQ GSD 107			
1	08.00	T TH	TECH A	322
	08.00	M	TECH A	410
2	09.00	T TH S	TECH A	322
3	10.00	M W	AG	144
	10.00	F	AG	152

4	12.00	W F	PHY SA	160	
	12.00	M	AG	224	
5	01.00	T TH	TECH A	208	
	01.00	M	TECH A	422	
6	02.00	T THF	TECH A	410	
7	03.00	MT TH	TECH A	408	
8	04.00	M W F	PHY SC	116	
9	07.35-08.50 PM	T TH	PHY SC	118	
110	ECON-BUS STATISTICS				03.0 CR
	PREREQ GSD 108B, 114B, OR EQUIV				
1	02.00	M W F	NKRS B	440	STOWE
2	06.00-07.25 PM	T TH	LAWSON	161	MARTINSEK
120C	ELEMENTARY CHINESE				03.0 CR
	PREREQ GSD 120B				
1	10.00	M W F	WHLR	113	TAI
	10.00	TH	0720	121	
	SEE CHIN LISTING FOR CHIN CONVERSATION				
123A	ELEMENTARY FRENCH				03.0 CR
1	11.00	M W F	0720	102	
	11.00	TH	WHLR	18	
2	04.00	T THF	PULL	43A	
	04.00	M	WHLR	18	
3	11.00	M W	AG	148	
	11.00	F	AG	144	FRAIZER DALE A
	11.00	TH	WHLR	18	
	SEE FR LISTING FOR FR CONVERSATION				
123B	ELEMENTARY FRENCH				03.0 CR
	PREREQ GSD 123A				
1	08.00	T THF	WHLR	113	
	08.00	M	WHLR	18	
2	09.00	M W F	PIERCE	130	
	09.00	T	WHLR	18	
3	11.00	T TH S	0720	102	
	11.00	M	WHLR	18	
4	12.00	T THF	WHAM	208	
	12.00	M	WHLR	18	
5	02.00	T TH	WHLR	113	
	02.00	F	H EC	122	
	02.00	M	WHLR	18	
6	03.00	M W	H EC	202	
	03.00	TH	WHLR	214	
	03.00	T	WHLR	18	
7	03.00	M W	H EC	203	
	03.00	F	WHLR	207	
	03.00	T	WHLR	18	
8	04.00	T THF	PARK	301	
	04.00	M	WHLR	18	
	SEE FR LISTING FOR FR CONVERSATION				
123C	ELEMENTARY FRENCH				03.0 CR
	PREREQ GSD 123B				
1	08.00	TW F	AG	188	
	08.00	M	WHLR	18	
2	09.00	M W F	LS II	330	
	09.00	T	WHLR	18	
3	10.00	M W F	COMM	1021	
	10.00	S	WHLR	18	
4	10.00	T TH	WHLR	214	
	10.00	F	WHLR	107	
	10.00	S	WHLR	18	
5	11.00	M WTH	0720	103	
	11.00	F	WHLR	18	
6	12.00	M	WHAM	319	
	12.00	T	WHLR	18	
	12.00	W	WHLR	212	
	12.00	F	WHLR	212	
7	01.00	M W F	WHLR	207	
	01.00	TH	WHLR	18	
8	01.00	M W	WHAM	301B	
	01.00	TH	WHLR	18	
	01.00	F	WHLR	212	

## GSD

9	02.00	T TH	H EC	120
	02.00	F	WHLR	207
	02.00	M	WHLR	18
10	03.00	MT TH	WHLR	107
	03.00	F	WHLR	18
11	04.00	M W F	WHLR	207
	04.00	T	WHLR	18
12	04.00	M W F	WHLR	107
	04.00	T	WHLR	18
13	06.00-07.25 PM	T TH	WHLR	207
	07.35-08.25 PM	T	WHLR	18

## SEE FR LISTING FOR FR CONVERSATION

126A	ELEMENTARY GERMAN		03.0 CR	
1	08.00	MT F	H EC	104
	08.00	W	WHLR	18
2	03.00	M W F	WHLR	113
	03.00	TH	WHLR	18
3	03.00	M W F	WHLR	212
	03.00	TH	WHLR	18

## SEE GER LISTING FOR GER CONVERSATION

126B	ELEMENTARY GERMAN		03.0 CR	
	PREREQ	GSD 126A		
1	08.00	M THF	WHLR	214
	08.00	W	WHLR	18
2	10.00	M W	H EC	120
	10.00	F	0720	116
	10.00	TH	WHLR	18
3	12.00	M WTH	GYM	204
	12.00	F	WHLR	18
4	02.00	M W F	WHLR	113
	02.00	TH	WHLR	18
5	04.00	M WTH	GYM	204
	04.00	F	WHLR	18

## SEE GER LISTING FOR GER CONVERSATION

126C	ELEMENTARY GERMAN		03.0 CR	
	PREREQ	GSD 126B		
1	08.00	M W F	WHLR	212
	08.00	T	WHLR	18
2	08.00	M	H EC	106
	08.00	T	WHLR	18
	08.00	W F	WHAM	228
3	09.00	T	PARK	301
	09.00	M	WHLR	18
	09.00	W F	PARK	309
4	09.00	T TH S	WHLR	207
	09.00	M	WHLR	18
5	10.00	M W F	WHLR	212
	10.00	TH	WHLR	18
6	11.00	M W	WHLR	212
	11.00	S	WHLR	18
	11.00	F	H EC	118
7	12.00	M W	0720	106
	12.00	F	WHLR	18
	12.00	TH	0720	104
8	01.00	M W F	GYM	204
	01.00	T	WHLR	18
9	02.00	M W F	AG	148
	02.00	TH	WHLR	18
10	03.00	M W F	H EC	120
	03.00	TH	WHLR	18
11	04.00	M W F	WHLR	212
	04.00	TH	WHLR	18
12	06.00-07.25 PM	M W	WHLR	212
	05.00	W	WHLR	18
13	06.00-07.25 PM	T TH	H EC	122
	07.35-08.25 PM	TH	WHLR	18

## SEE GER LISTING FOR GER CONVERSATION

130C	ELEM CLASSICAL GRK		03.0 CR	
	PREREQ	GSD 130B		

1	10.00	M W F	LS II	450	OBRIEN JOAN V
	10.00	TH	LS II	330	
133C	ELEMENTARY LATIN		03.0	CR	
	PREREQ GSD 133B				
1	01.00	MT TH	0875	101	SPECK
135C	ELEM PORTUGUESE		03.0	CR	
	PREREQ GSD 135B				
1	09.00	M	0720	102	
	09.00	W F	AG	218	
	09.00	TH	WHLR	18	
136B	ELEMENTARY RUSSIAN		03.0	CR	
	PREREQ GSD 136A				
1	01.00	TW F	TECH A	422	MARTIN J L JR
	01.00	M	WHLR	18	
136C	ELEMENTARY RUSSIAN		03.0	CR	
	PREREQ GSD 136B				
1	10.00	M W	PULL	39	ORECHWA
	10.00	T	WHLR	18	
	10.00	F	WHLR	203	
2	02.00	M	WHAM	210	
	02.00	W	WHLR	18	
	02.00	TH	H EC	104	
	02.00	F	H EC	102	
3	06.00-07.25 PM	T TH	WHLR	212	
	05.00	TH	WHLR	18	
140A	ELEMENTARY SPANISH		03.0	CR	
1	08.00	M W	H EC	203	
	08.00	F	WHLR	18	
	08.00	TH	AG	188	
2	09.00	MT F	ABBOTT	129	
	09.00	W	WHLR	18	
3	09.00	MT F	WHLR	212	
	09.00	W	WHLR	18	
4	02.00	M W F	AG	220	
	02.00	T	WHLR	18	
5	03.00	TW F	WHLR	214	
	03.00	M	WHLR	18	
6	03.00	T THF	WHAM	321	
	03.00	M	WHLR	18	
7	06.00-07.25 PM	M W	H EC	102	
	07.35-08.30 PM	M	WHLR	18	
8	10.00	MT	LS II	330	
	10.00	F	LS II	430	
	10.00	W	WHLR	18	
SEE SPAN LISTING FOR SPAN CONVERSATION					
140B	ELEMENTARY SPANISH		03.0	CR	
	PREREQ GSD 140A	OR EQUIVALENT			
1	08.00	M WTH	0720	101	
	08.00	F	WHLR	18	
2	09.00	M	TECH D	131	
	09.00	WTH	ABBOTT	129	
	09.00	F	WHLR	18	
3	10.00	TW F	0720	101	
	10.00	M	WHLR	18	
4	11.00	T F	0720	101	
	11.00	TH	0721	102	
	11.00	W	WHLR	18	
5	11.00	MT F	PULL	43A	
	11.00	W	WHLR	18	
6	12.00	MT TH	WHLR	212	
	12.00	W	WHLR	18	
7	01.00	M WTH	ABBOTT	129	
	01.00	F	WHLR	18	
8	02.00	M W F	PIERCE	130	
	02.00	T	WHLR	18	
9	04.00	MT TH	WHLR	113	
	04.00	W	WHLR	18	
10	06.00-07.25 PM	T TH	WHLR	113	
	05.00	T	WHLR	18	

11	10.00	T TH	AG	116
	10.00	M	WHAM	203
	10.00	W	WHLR	18

SEE SPAN LISTING FOR SPAN CONVERSATION

140C	ELEMENTARY SPANISH			03.0 CR
	PREREQ	GSD 140B	OR EQUIVALENT	
1	08.00	M W F	WHLR	107
	08.00	S	WHLR	18
2	09.00	MT TH	0720	101
	09.00	S	WHLR	18
3	09.00	M	NKRS C	116
	09.00	F	WHLR	18
	09.00	WTH	WHLR	212
4	10.00	T TH S	WHLR	113
	10.00	F	WHLR	18
5	10.00	M TH	0720	101
	10.00	W	GYM	204
	10.00	F	WHLR	18
6	10.00	T	WHAM	312
	10.00	W F	WHAM	201
	10.00	M	WHLR	18
7	11.00	M W	H EC	202
	11.00	T	WHLR	18
	11.00	F	WHAM	210
8	11.00	M W F	WHLR	214
	11.00	T	WHLR	18
9	12.00	M W F	WHLR	214
	12.00	TH	WHLR	18
10	12.00	M W F	AG	220
	12.00	TH	WHLR	18
11	12.00	M THF	WHLR	207
	12.00	W	WHLR	18
12	01.00	M	FELTS	130
	01.00	T F	H EC	202
	01.00	W	WHLR	18
13	01.00	MT TH	AG	144
	01.00	W	WHLR	18
14	01.00	MT TH	0720	101
	01.00	F	WHLR	18
15	02.00	M WTH	0720	101
	02.00	F	WHLR	18
16	02.00	M WTH	H EC	202
	02.00	F	WHLR	18
17	03.00	MT F	0720	101
	03.00	W	WHLR	18
18	03.00	T TH	PARK	301
	03.00	W	WHLR	18
	03.00	M	AG	216
19	06.00-07.25 PM	T TH	WHLR	214
	05.00	T	WHLR	18
20	06.00-07.25 PM	M W	H EC	104
	07.35-08.25 PM	W	WHLR	18

SEE SPAN LISTING FOR SPAN CONVERSATION

144C	ELEMENTARY ITALIAN			03.0 CR
	PREREQ	GSD 144B		
1	09.00	M W F	AG	188
	09.00	TH	WHLR	18
2	06.00-07.25 PM	M W	WHLR	113
	05.00	M	WHLR	18
3	01.00	T F	H EC	122
	01.00	TH	LS II	228
	01.00	M	WHLR	18

SEE ITAL LISTING FOR ITAL CONVERSATION

210F	UNCOM LANG- SWAHILI			05.0 CR
	PREREQ	GSD 210E	OR EQUIVALENT	
1	09.00	MTWTHF	WHAM	301A
210I	UNCOM LANG- VIETNAM			05.0 CR
	PREREQ	GSD 210H	OR EQUIVALENT	
1	11.00	M WTH	AG	152
	11.00	T	AG	116
	11.00	F	AG	220



210L	SERBO-CROATION		05.0	CR	
	PREREQ	GSD210K			
1	03.00	MTWTHF	AG	116	
	2 HRS LAB	TBA			

### General Studies Area E—Health and Physical Development (GSE)

100C	RESTRICTED P E		01.0	CR	
1	10.00	M W F	ARENA	555	
2	10.00	T TH	ARENA	555	
	08.00	F	LAWSON	151	
3	10.00-11.50	S	PULL P	11	GREENE NORMAN C
101A	SWIMMING-BEGINNING		01.0	CR	
1	11.25-12.05	M W F	PULL P	11	ESSICK RAYMOND B
2	12.10-12.50	M W F	PULL P	11	CARROLL PETER J
3	11.20-12.00	M W F	YMCA	11	
4	12.00	M W F	YMCA	11	
5	07.00	PM MTWTH	YMCA	11	
	SEC 5 MEETS 1ST 9 WEEKS				
6	07.00-08.00 PM	MT TH	PULL &	11	
101B	SWIMMING - INTERMED		01.0	CR	
1	08.00-09.50	S	PULL P	11	
2	12.00	T TH	PULL P	11	
102	PHYSICAL FITNESS		02.0	CR	
1	08.00	M F	PULL	102	BELL LARRY R
	11.00	TH	LAWSON	171	ACKERMAN KENNETH J
2	09.00	M F	PULL	102	BELL LARRY R
	11.00	T	LAWSON	171	ACKERMAN KENNETH J
3	09.00	T TH	ARENA	555	GURLEY HARRY
	11.00	TH	LAWSON	171	ACKERMAN KENNETH J
4	10.00	M F	ARENA	555	WILKINSON JAMES J
	11.00	TH	LAWSON	171	ACKERMAN KENNETH J
5	10.00	M TH	ARENA	555	
	11.00	T	LAWSON	171	ACKERMAN KENNETH J
6	11.00	M F	ARENA	555	ACKERMAN KENNETH J
	11.00	TH	LAWSON	171	ACKERMAN
7	11.00	M TH	PULL	102	
	11.00	TH	LAWSON	171	ACKERMAN KENNETH J
8	12.00	T F	ARENA	555	
	11.00	TH	LAWSON	171	ACKERMAN KENNETH J
9	01.00	M W	ARENA	555	
	11.00	T	LAWSON	171	ACKERMAN KENNETH J
10	02.00	M W	ARENA	555	HEMMERLING PETER M
	11.00	T	LAWSON	171	ACKERMAN KENNETH J
103A	SQ AND SOC DANCE		01.0	CR	
1	03.00-04.30	T TH	GYM	114	
2	04.00-05.30	T TH	GYM	114	
3	04.00-05.30	M W	GYM	114	
	CROSS-LISTED WITH GSE 113A				
4	06.00-07.30 PM	M W	GYM	114	
5	06.00-07.30 PM	T TH	GYM	114	
104A	ACTIVITY-ARCHERY		01.0	CR	
1	02.00	M W F	ARENA	555	
2	03.00	M W F	ARENA	555	
104B	ACTIVITY-BADMINTON		01.0	CR	
1	08.00-09.30	T TH	ARENA	555	MEADE WILLIAM T
2	08.00-09.30	M W	ARENA	555	MEADE WILLIAM T
3	01.00-02.30	T TH	PULL	102	
4	02.00-03.30	T TH	PULL	102	
104D	ACTIVITY-BOWLING		01.0	CR	
1	08.00	M WTH	U CTR	48	HAILEY ROBERT L
2	09.00	M WTH	U CTR	48	HAILEY ROBERT L
3	09.00	T FS	U CTR	48	
4	10.00	M W F	U CTR	48	
5	10.00	T TH S	U CTR	48	
6	11.00	M W F	U CTR	48	
7	11.00	T TH S	U CTR	48	
8	12.00	M W F	U CTR	48	

## GSE

9	12.00-01.30	T TH	U CTR	48	
10	01.00	M W F	U CTR	48	
11	01.30-03.00	T TH	U CTR	48	
12	02.00	M W F	U CTR	48	
13	03.00	M W F	U CTR	48	
FEE REQUIRED FOR GSE 1040					
104E	ACTIVITY-GOLF		01.0 CR		
1	08.00-09.50	F	ARENA	555	
	09.00	S	ARENA	555	
2	09.00-10.30	T TH	ARENA	555	
3	10.00	MT TH	ARENA	555	
4	10.00-11.50	W	ARENA	555	
	10.00	F	ARENA	555	
5	11.00	MT TH	ARENA	555	
6	12.00	MT TH	ARENA	555	
7	12.00	W	ARENA	555	
	11.00-12.50	F	ARENA	555	
8	01.00	M W F	ARENA	555	
9	01.00-02.50	T	ARENA	555	
	01.00	TH	ARENA	555	
10	02.00	M W F	ARENA	555	
11	02.00-03.50	TH	ARENA	555	
	03.00	T	ARENA	555	
12	03.00	M W F	ARENA	555	
104F	ACTIVITY-SOCCER		01.0 CR		
1	10.00	T TH S	ARENA	555	
2	11.00	T TH S	ARENA	555	
104H	ACTIVITY-TENNIS		01.0 CR		
1	09.00	M W F	TENNIS	100	
2	09.00-10.30	T TH	TENNIS	100	
3	10.00	M W F	TENNIS	100	
4	10.00	T TH S	TENNIS	100	
5	11.00	M W F	TENNIS	100	
6	11.00	T TH S	TENNIS	100	
7	12.00	M W F	TENNIS	100	
8	12.00-01.30	T TH	TENNIS	100	
9	01.00	M W F	TENNIS	100	
10	01.00-02.15	T TH	TENNIS	100	
11	02.00	M W F	TENNIS	100	
12	02.00-03.30	T TH	TENNIS	100	
104J	ACTIVITY-SOFTBALL		01.0 CR		
1	01.00	M W F	ARENA	555	MARTIN MORRIS GLENN
2	02.00	M W F	ARENA	555	MARTIN MORRIS GLENN
3	10.00	T TH S	ARENA	555	
104W	ACTIVITY-JUDO		01.0 CR		
1	01.00	M W F	ARENA	555	KRALIK
2	02.00	M W F	ARENA	555	KRALIK P
3	11.00	T TH	ARENA	555	FRANKLIN
ABOVE SECT RESTRICTED TO CONSENT OF INSTRUCTOR					
104X	ACTIVITY-HANDBALL		01.0 CR		
1	09.00	MT TH	HDBALL	100	MAZIE ROBERT
2	10.00	MT TH	HDBALL	100	MAZIE ROBERT
3	02.00	M W F	HDBALL	100	
4	02.00-03.30	T TH	HDBALL	100	
5	03.00	M W F	HDBALL	100	
GLOVES AND BALL REQUIRED FOR GSE 104X					
105	WEIGHT CONTROL		01.0 CR		
	PREREQ	CONSENT OF INSTR			
1	09.00	M W F	ARENA	555	KNOWLTON RONALD G
GSE 105 RESTRICTED-MUST HAVE CONSENT OF INSTRUCTOR					
110C	RESTRICTED P E		01.0 CR		
1	01.00-02.30	T TH	GYM	114	COTTEN SARAH ELLEN
111A	SWIMMING-BEGINNING		01.0 CR		
1	09.00-10.50	T TH	GYM	114	COOPER
2	10.00-11.50	T TH	GYM	114	MILLER
3	01.00-02.30	T TH	GYM	114	FETTERS
4	02.00-03.50	M W	GYM	114	MILLER

111B	SWIMMING-INTERMED			01.0 CR	
	PREREQ GSE 111A OR EQUIVALENT				
1	08.00-09.30	T TH	PULL P	11	PLEGENKUHLE
2	09.00-10.30	T TH	PULL P	11	FETTERS
3	10.00-11.50	T TH	PULL P	11	JOHNSTON
4	03.00-04.30	T TH	PULL P	11	MILLER
112	EXERCISE FOR FITNESS			01.0 CR	
1	07.00-08.30 PM	M W	GYM	208	FETTERS
2	09.00	M W F	GYM	208	SCHRODER
3	02.00	M W F	GYM	207	SCHRODER
4	01.00	M W F	GYM	207	SCHRODER
113A	SQUARE DANCE			01.0 CR	
1	03.00-04.30	T TH	GYM	114	PLEGENKUHLE
2	04.00-05.30	T TH	GYM	114	LITHERLAND BARBARA A
3	04.00-05.30	M W	GYM	114	LITHERLAND BARBARA A
	CROSS-LISTED WITH PEM 103A				
4	06.00-07.30 PM	M W	GYM	114	LITHERLAND
5	06.00-07.30 PM	T TH	GYM	114	ZIBBY
113D	DANCE-BEG CONTEMP			01.0 CR	
1	08.00	M W F	GYM	208	LITHERLAND BARBARA A
2	08.00	T TH S	GYM	208	PLEGENKUHLE
113E	DANCE-INT CONTEMP			01.0 CR	
1	11.00	M W F	PARK	208	LITHERLAND BARBARA A
2	08.00	M W F	0813	101	DAVIDSON ELLEVA J
114A	ACTIVITY-ARCHERY			01.0 CR	
1	12.00-01.30	T TH	GYM	208	BLACKMAN CLAUDIA JO
2	01.00-02.30	T TH	GYM	208	JOHNSTON
3	02.00-03.30	T TH	GYM	208	JOHNSTON
114B	ACTIVITY-BADMINTON			01.0 CR	
1	09.00	T TH S	GYM	207	SAMPSON
2	12.00	M W F	GYM	207	EOFF
3	12.00	TWTH	GYM	207	EOFF
4	07.00-08.30 PM	T TH	GYM	207	EOFF
114D	ACTIVITY-BOWLING			01.0 CR	
1	10.00-11.30	T TH	U CTR	48	KAHAJDA
2	09.00	M W F	U CTR	48	
3	10.00	M W F	U CTR	48	
4	11.00	M W F	U CTR	48	
5	12.00	M W F	U CTR	48	
6	01.00	M W F	U CTR	48	
7	02.00	M W F	U CTR	48	
8	03.00	M W F	U CTR	48	
	FEE REQUIRED FOR BOWLING				
9	01.00-02.30	T TH	U CTR	48	
10	09.00-10.30	T TH	U CTR	48	
11	11.00-12.30	T TH	U CTR	48	
114E	ACTIVITY-GOLF			01.0 CR	
1	08.00-09.30	T TH	GYM	114	ZIBBY
2	09.00-10.30	T TH	GYM	114	
3	10.00-11.30	T TH	GYM	114	BRECHTELSBAUER KAY
4	10.00	M W F	GYM	114	BRECHTELSBAUER KAY
5	12.00	M W F	GYM	114	BRECHTELSBAUER KAY
6	03.00	M W F	GYM	114	BLACKMAN CLAUDIA JO
7	05.00	M WTH	GYM	114	BLACKMAN CLAUDIA JO
114H	ACTIVITY-TENNIS			01.0 CR	
1	08.00-09.30	M F	GYM	206	JENT
2	08.00-09.30	T TH	GYM	206	JENT
3	08.00-09.30	W S	GYM	207	DEMARIA
4	09.00-10.30	M F	GYM	206	DEMARIA
5	09.00-10.30	T TH	GYM	208	WHITLOCK
6	09.00-10.30	W S	GYM	205	DEMARIA
7	10.00-11.30	M S	GYM	207	DUNN
8	12.00-01.30	T TH	GYM	207	BRECHTELSBAUER
9	12.00-01.30	M W	GYM	206	DUNN
10	01.00-02.30	T TH	GYM	206	KAHAJDA
114I	ACTIVITY-VOLLEYBALL			01.0 CR	
1	10.00	M W F	GYM	208	FOYEN
2	10.00	T TH S	GYM	208	STIFF
3	11.00	T TH S	GYM	114	SVOBODA
4	12.00	M W F	GYM	208	FAYEN
5	06.00-07.30 PM	T TH	GYM	207	SAMPSON

114M	ACTIVITY-FENCING			01.0	CR	
1	08.00	M W F	GYM	114	BLACKMAN CLAUDIA JO	
2	09.00	M W F	GYM	114	KAHAJDA	
3	11.00	M W F	GYM	114	KAHAJDA	
4	02.00	M W F	GYM	114	KUHAJDA PATRICIA F	
5	05.00-06.30	T TH	GYM	114	DUNN	
114P	ACTIVITY-GYM & TUMB			01.0	CR	
1	11.00	M W F	GYM	207	FETTERS	
2	03.00	M W F	GYM	207	FETTERS	
114R	TRACK AND FIELD			01.0	CR	
1	01.00-02.30	M W	GYM	114	FETTERS	
114T	INTERMEDIATE TENNIS			01.0	CR	
	PREREQ GSE 114H OR EQUIV					
1	03.00-04.30	T TH	GYM	207	COTTEN SARAH ELLEN	
201	HEALTHFUL LIVING			03.0	CR	
1	08.00	M W F	TECH A	420	BOOTH NORMAN J	
2	08.00	M W F	BAILEY	130	WIGLEY RICHARD	
3	08.00	M W F	ARENA	119	VOGEL HERBERT L	
4	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	08.00	TH	ARENA	125	HURLEY DONALD R	
5	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	09.00	TH	0875	102	CISSELL WILLIAM B	
6	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	12.00	TH	TECH A	220	HURLEY DONALD R	
7	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	01.00	TH	ARENA	119	CISSELL WILLIAM B	
8	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	02.00	TH	COMM	1022	CISSELL WILLIAM B	
9	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	08.00	F	ARENA	123	HURLEY DONALD R	
10	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	09.00	F	ARENA	123	HURLEY DONALD R	
11	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	12.00	F	TECH A	222	FIELDS STEPHEN D	
12	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	01.00	F	ARENA	119	FIELDS STEPHEN D	
13	09.00	M W	LAWSON	171	LEFEVRE JOHN R	
	02.00	F	TECH A	222	FIELDS STEPHEN D	
14	09.00	M W	COMM	1018	LEDBETTER ROBERT	
	09.00	F	ARENA	121	LEDBETTER ROBERT	
15	09.00	M W F	COMM	1021	SCHAENZER DONNA M	
16	09.00	M W F	COMM	1022	VOGEL HERBERT L	
17	09.00	M W	LAWSON	101	OBOYLE THOMAS J	
	09.00	TH	TECH A	410	OBOYLE THOMAS J	
18	09.00	M W	LAWSON	231	CASEY LESLIE R	
	09.00	F	TECH A	222	CASEY LESLIE R	
19	09.00	M WTH	AG	144	BOOTH NORMAN J	
20	09.00	M W F	H EC	206	SMELSER JAMES ALLEN	
21	09.00	M W F	0871	101	HARRIS EILEEN M	
22	10.00	M W F	0862	102	SMITH DAVID R	
23	10.00	M W	TECH A	122	VINCENT RAYMOND J	
	10.00	F	COMM	1022		
24	11.00	M W	BAILEY	130	VINCENT RAYMOND J	
	11.00	TH	TECH A	210	VINCENT RAYMOND J	
25	11.00	M W	PIERCE	130	SCHAENZER DONNA M	
	11.00	F	TECH A	222	SCHAENZER DONNA M	
26	11.00	M W F	COMM	1022	SMELSER JAMES ALLEN	
27	11.00	M W	ARENA	123	BOOTH NORMAN J	
	11.00	F	TECH A	308	BOOTH NORMAN J	
28	11.00	M W F	LAWSON	231	OBOYLE THOMAS J	
29	11.00	M W	H EC	206	VOGEL HERBERT L	
	11.00	TH	TECH A	220	VOGEL HERBERT L	
30	11.00	M W F	ARENA	121	HARRIS EILEEN M	
31	01.00	M W	WHAM	105	RICHARDSON CHARLES	
	08.00	TH	ARENA	123	BECK MARJORIE A	
32	01.00	M W	WHAM	105	RICHARDSON CHARLES	
	09.00	TH	FELTS	130	PORTER W NATHANIEL	
33	01.00	M W	WHAM	105	RICHARDSON CHARLES	
	12.00	TH	AG	188	BECK MARJORIE A	
34	01.00	M W	WHAM	105	RICHARDSON CHARLES	
	01.00	TH	ARENA	121	REED CHARLES E	



35	01.00	M W	WHAM	105	RICHARDSON CHARLES
	02.00	TH	ARENA	121	BECK MARJORIE A
36	01.00	M W	WHAM	105	RICHARDSON CHARLES
	08.00	F	TECH A	222	MARSHALL JAMES E
37	01.00	M W	WHAM	105	RICHARDSON CHARLES
	09.00	F	TECH A	308	REED CHARLES E
38	01.00	M W	WHAM	105	RICHARDSON CHARLES
	12.00	F	0862	102	REED CHARLES E
39	01.00	M W	WHAM	105	RICHARDSON CHARLES
	01.00	F	ARENA	125	MARSHALL JAMES E
40	01.00	M W	WHAM	105	RICHARDSON CHARLES
	02.00	F	ARENA	125	MARSHALL JAMES E
41	01.00	M W	COMM	1018	LEDBETTER ROBERT
	01.00	F	COMM	1018	LEDBETTER ROBERT
42	01.00	M W	COMM	1021	BOOTH NORMAN J
	01.00	F	TECH A	308	BOOTH NORMAN J
43	01.00	M W	F COMM	1022	HARRIS EILEEN M
44	01.00	M W	F LAWSON	231	CASEY LESLIE R
45	01.00	M W	H EC	102	SMITH DAVID R
	01.00	TH	AG	148	SMITH DAVID R
46	01.00	M W	F H EC	206	OBOYLE THOMAS J
47	01.00	M W	F ARENA	121	PHILLIPS FRANCES K
48	02.00	M W	F ARENA	121	CASEY LESLIE R
49	02.00	M W	WHAM	105	GRISSOM DEWARD K
	08.00	TH	AG	150	SORENSEN ROBERT E
50	02.00	M W	WHAM	105	GRISSOM DEWARD K
	09.00	TH	0871	101	SORENSEN ROBERT E
51	02.00	M W	WHAM	105	GRISSOM DEWARD K
	12.00	TH	PHY SA	160	SORENSEN ROBERT E
52	02.00	M W	WHAM	105	GRISSOM DEWARD K
	01.00	TH	PHY SA	278	BARELLO JAMES J
53	02.00	M W	WHAM	105	GRISSOM DEWARD K
	02.00	TH	TECH D	131	BARELLO JAMES J
54	02.00	M W	WHAM	105	GRISSOM DEWARD K
	02.00	F	TECH A	308	BARELLO JAMES J
55	02.00	M W	WHAM	105	GRISSOM DEWARD K
	09.00	F	TECH A	310	BARELLO JAMES J
56	02.00	M W	WHAM	105	GRISSOM DEWARD K
	12.00	F	TECH A	308	ROULHAC EDGAR E
57	02.00	M W	WHAM	105	GRISSOM DEWARD K
	01.00	F	TECH A	310	ROULHAC EDGAR E
58	02.00	M W	WHAM	105	GRISSOM DEWARD K
	02.00	F	ARENA	123	ROULHAC EDGAR E
59	06.00-07.25 PM	M W	PHY SC	118	PHILLIPS FRANCES K

## SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>Accounting (ACCT)</b>				
250	ACCT FUNDAMENTALS		04.0 CR	
1	08.00	MT THF	LAWSON 131	
251A	FINANCIAL ACCT		04.0 CR	
	PREREQ SOPHOMORE	STANDING		
1	03.00	T	LAWSON 141	
	08.00	WTHF	CL 12	
2	03.00	T	LAWSON 141	
	10.00	WTHF	CL 12	
3	03.00	T	LAWSON 141	
	11.00	WTHF	CL 18	
4	03.00	T	LAWSON 141	
	12.00	WTHF	CL 18	
5	03.00	T	LAWSON 141	
	03.00	WTHF	CL 18	
6	05.45-07.25	T TH	CL 12	
251B	FINANCIAL ACCT		04.0 CR	
	PREREQ ACCT 251A			
1	09.00	TH	LAWSON 151	
	08.00	MTW	CL 18	



2	09.00		TH	LAWSON	151	
	09.00		MTW	CL	12	
3	09.00		TH	LAWSON	151	
	12.00		MTW	CL	12	
4	09.00		TH	LAWSON	151	
	02.00		MTW	CL	18	ERIKSEN DOUGLAS C
5	09.00		TH	LAWSON	151	
	03.00		MTW	CL	12	IRWIN DOUGLAS W
6	09.00		TH	LAWSON	151	
	04.00		MTW	CL	18	IRWIN DOUGLAS W
261	MANAGEMENT ACCT			04.0	CR	
	PREREQ	ACCT 251B AND MATH	111A			
1	11.00		F	LAWSON	161	
	08.00		MT	CL	12	SETH SHIRISH B
	08.00		TH	CL	18	
2	11.00		F	LAWSON	161	
	10.00		MT	CL	12	SETH SHIRISH B
	10.00		W	CL	18	
3	11.00		F	LAWSON	161	
	11.00		MT	CL	18	KOZOMAN RONALD L
	11.00		W	CL	12	
4	11.00		F	LAWSON	161	
	12.00		MT	CL	18	KOZOMAN RONALD L
	12.00		TH	CL	12	
5	11.00		F	LAWSON	161	
	03.00		MT	CL	18	CERULLO MICHAEL J
	03.00		TH	CL	12	CERULLO MICHAEL J
6	11.00		F	LAWSON	161	
	04.00		M TH	CL	12	CERULLO MICHAEL J
7	05.45-07.25		T TH	CL	18	
309	INDIV INCOME TAX			02.0	CR	
	PREREQ	NON-MAJORS ONLY				
1	02.00		W	CL	12	
	02.00		F	CL	18	
315	EDP IN BUSINESS			04.0	CR	
	PREREQ	ACCT 261				
1	01.00		T	LAWSON	141	
	04.00		M W	LAWSON	231	
	04.00		TH	LAWSON	221	
2	01.00		T	LAWSON	141	
	08.00		M WTH	AG	154	
	01.00		M WTH	AG	168	
	01.00		TH	AG	216	
331	TAX ACCOUNTING			04.0	CR	
	PREREQ	ACCT 261				
1	10.00		MT THF	CL	18	
341	COST ACCOUNTING			04.0	CR	
	PREREQ	ACCT 261				
1	11.00		MTWTH	CL	24	
351A	INTERMEDIATE ACCT			04.0	CR	
	PREREQ	ACCT 261				
1	11.00		MT THF	CL	12	
351B	INTERMEDIATE ACCT			04.0	CR	
	PREREQ	ACCT 351A				
1	01.00		MTWTH	CL	12	
432	PROB IN FED TAX			04.0	CR	
	PREREQ	ACCT 331				
1	01.00		MT THF	CL	18	
442	ADV CDST ACCOUNTING			04.0	CR	
	PREREQ	ACCT 341				
1	10.00		MTWTH	CL	24	
453	ADVANCED ACCOUNTING			04.0	CR	
	PREREQ	ACCT 351A,8				
1	09.00		MT THF	CL	18	
456	AUDITING			04.0	CR	
	PREREQ	ACCT 331, 341, AND 351A,8				
1	02.00		MT THF	CL	12	
475	BUDGETING & SYSTEMS			04.0	CR	
	PREREQ	ACCT 261, FIN 320				
1	01.00		MT THF	CL	24	

## Aerospace Studies (A 5)

100A	CORPS TRAINING			00.0	CR	
1	10.00	T	LIB	26	FORSYTH	
103	US MILITARY POSTURE			01.0	CR	
1	09.00	T	WHLR	113	FORSYTH	
2	09.00	TH	WHLR	113	FORSYTH	
200A	CORPS TRAINING			00.0	CR	
	PREREQ AS 101, 102, 103					
1	10.00	T	LIB	26	FORSYTH	
203	IDEEDLOG CONFLICTS			01.0	CR	
	PREREQ AS 101, 102, 103					
1	08.00	W	WHLR	113	CARLSON	
2	11.00	W	WHLR	113	CARLSON	
300	CORPS TRAINING			00.0	CR	
1	10.00	T	LIB	26	FORSYTH	
303	AEROSPACE STUDIES			03.0	CR	
	PREREQ AS 302					
1	10.00	M WTH	WHLR	107	CHASTAIN CHARLIE W	
2	02.00	M WTH	WHLR	107	CHASTAIN CHARLIE W	
340	CORPS TRAINING			00.0	CR	
1	10.00	T	LIB	26	FORSYTH	
353	MILITARY MGT			03.0	CR	
	PREREQ AS 301, 302 & 303 OR CONSENT OF PAS					
1	09.00	M WTH	WHLR	107	TORLINE	
2	01.00	M WTH	WHLR	107	TORLINE	

## Agricultural Industries (AG I)

215	STRUCTURES & ELECT			04.0	CR	
1	04.00	T TH	AG	225	AHREND	
	03.00-04.50	M W	AG	155	AHREND	
311	AGR ADULT EDUCATION			03.0	CR	
	PREREQ GUID 305, JUNIOR STANDING					
1	01.00	T THF	AG	216	BUILA THEODORE	
354	AGRICULTURAL MKTG			03.0	CR	
	PREREQ AG I 204 OR GSB 211A					
1	02.00	MT F	AG	225	HONEGGER	
359	INTERN PROGRAM			03.0 TO 05.0	CR	
	PREREQ JR STANDING					
1	TO BE ARRANGED					
375	BASIC AG MECH			03.0	CR	
	PREREQ MATH 107A, GSA 101A,B OR EQUIV					
1	08.00-09.50	M W F	0831	101	PATERSON JOHN J	
2	03.00-04.50	M W F	0831	101	PATERSON JOHN J	
381	AGRI SEMINAR			01.0	CR	
	PREREQ SENIORS ONLY					
1	04.00	T	AG	155	LYBECKER	
390	SPEC STUD AG I			01.0 TO 06.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN					
1	TO BE ARRANGED					
391	HONORS IN AG INDUST			01.0 TO 06.0	CR	
1	TO BE ARRANGED					
412	PRIN AG MECHANIZAT			04.0	CR	
1	09.00	M W	AG	225	WOOD & AHREND	
	08.00-09.50	T TH	AG	155		
2	09.00	M W	AG	225	WOOD & AHREND	
	10.00-11.50	T TH	AG	155		
450	ADV FARM MANAGEMENT			04.0	CR	
	PREREQ AG I 350					
1	11.00	MTW	AG	225	LYBECKER DONALD W	
	11.00-12.50	F	AG	225	LYBECKER DONALD W	
456B	AG MKTG - LIVESTOCK			02.0	CR	
	PREREQ AG I 354, OR CONSENT OF INSTR					
1	02.00	T TH	AG	214	HONEGGER	
471	LAND RESOURCE ECON			04.0	CR	
	PREREQ AG I 350 OR FOR 470					
1	10.00	MTW F	AG	214	LANGFORD GORDON	
473	ADV AG POWER SYS			04.0	CR	
	PREREQ AG I 373 OR EQUIV					
1	01.00	M W	AG	155	PATERSON JOHN J	
	01.00-02.50	T TH	0831	101	PATERSON JOHN J	

2	01.00	M W	AG	155	PATERSON JOHN J
	03.00-04.50	T TH	0831	101	PATERSON JOHN J
520	READINGS		01.0 TO 06.0	CR	
1	TO BE ARRANGED				
525	COOP VOC-TECH ED		04.0	CR	
1	09.00-11.30	S	TECH D	130	BENTON
550	PROD MANAGEMENT		04.0	CR	
	PREREQ 12 HRS IN ECON OR	AG	ECON AND		
	CONSENT OF INSTR				
1	09.00	MTWTH	AG	222	HERR WILLIAM M
552	ADVANCED AG PRICES		02.0	CR	
	PREREQ AG I 352				
1	02.00	W F	AG	155	SOLVERSON LYLE
575	RESEARCH		01.0 TO 06.0	CR	
1	TO BE ARRANGED				
581	SEMINAR		01.0	CR	
1	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0	CR	
1	TO BE ARRANGED				

#### Administration Justice (A J)

201	SOC RESPON-OFFENDER		04.0	CR	
1	07.00-10.00 PM	M	0685	200	HERMON
300	DIAGNOSIS & EVAL		04.0	CR	
1	07.00-10.00 PM	T	0685	200	ANDERSON
303	CRIM INVES & BEH SC		04.0	CR	
1	02.00-03.50	T TH	0685	200	PHELPS
304	VIOL, ENFORC & COMM		04.0	CR	
1	07.00-10.00 PM	TH	0685	102	EYNON
383	INTERNSHIP		04.0 TO 12.0	CR	
	PREREQ 16 HRS AJ				
1	TO BE ARRANGED				DREHER

#### Animal Industries (AN I)

121	ANIMAL SCIENCE		05.0	CR	
	PREREQ NONE				
1	11.00	MTW F	AG	102	OLSON HOWARD H
	08.00-09.50	TH	AG	102A	OLSON HOWARD H
2	11.00	MTW F	AG	102	OLSON HOWARD H
	10.00-11.50	TH	AG	102A	OLSON HOWARD H
3118	EVAL & SEL FARM ANI		02.0	CR	
	PREREQ AN I 318 OR		CONSENT OF INSTR		
1	08.00-11.50	S	AG	132	GOODMAN BILLY LEE
	POULTRY				
2	08.00-11.50	S	AG	120	MILLER HOWARD W
	LIVESTOCK				
3	08.00-11.50	S	AG	114	STILES DAVID A
	DAIRY				
315	FEEDS & FEEDING		04.0	CR	
1	09.00	M W F	AG	214	REED
	09.00-10.50	T	AG	114	REED
2	09.00	M W F	AG	214	REED
	09.00-10.50	TH	AG	114	REED
319	HORSES		03.0	CR	
	PREREQ AN I 315 OR		CONSENT OF INSTR		
1	01.00	M W	AG	116	KAMMLADE
	01.00-02.50	T	AG	114	KAMMLADE
2	01.00	M W	AG	116	KAMMLADE
	01.00-02.50	F	AG	120	KAMMLADE
337	ANIMAL HYGIENE		04.0	CR	
	PREREQ AN I 121				
1	12.00	MTWTH	AG	102	STRACK LOUIS E
359	INTERN PROGRAM		03.0 TO 05.0	CR	
	PREREQ JR STANDING				
1	TO BE ARRANGED				MARION GERMAIN B
381	AGRICULTURAL SEM		01.0	CR	
	PREREQ SENIOR STANDING				
1	04.00	T	AG	114	REED
390	SPEC STUD AN I		01.0 TO 06.0	CR	
	PREREQ JR OR SR STANDING		AND CONSENT		
	OF DEPT CHAIRMAN				
1	TO BE ARRANGED				

391	HONORS IN AN I	01.0 TO 06.0 CR			
	PREREQ JR STANDING, 4.0 GPA, 4.25 IN MA				
	JOR, CONSENT OF DEPT				
1	TO BE ARRANGED				
415B	ANIMAL NUTRITION	04.0 CR			
	PREREQ AN I 415A				
1	03.00	M W	AG	144	LEE
	03.00	T	AG	224	STILES
	03.00-04.50	TH	AG	120	
430	DAIRY CAT BREED&MGT	04.0 CR			
	PREREQ AN I 332				
1	02.00	W F	AG	116	OLSON HOWARD H
	02.00	M	AG	170	OLSON HOWARD H
	01.00-02.50	TH	AG	114	
432	QUANT INHERITANCE	03.0 CR			
	PREREQ AN I 332				
1	01.00	MT F	AG	120	GOODMAN BILLY LEE
456B	AG MKTG - LIVESTOCK	02.0 CR			
	PREREQ GSB 211A OR CONSENT OF INSTR				
1	02.00	T TH	AG	225	WILLS WALTER J
465	SWINE PRODUCTION	05.0 CR			
	PREREQ AN I 315, 332				
1	08.00	MTW	AG	116	MILLER
	08.00	F	AG	148	
	08.00-09.50	TH	AG	120	
487	COMM LIVESTOCK FEED	04.0 CR			
	PREREQ AN I 315 AND ORGANIC CHEMISTRY				
1	09.00	MT	AG	116	KAMMLADE
	09.00	F	AG	152	
	09.00-10.50	W	AG	114	
520	READINGS IN AN IND	01.0 TO 06.0 CR			
1	TO BE ARRANGED				MILLER HOWARD W
575	INDIVIDUAL RESEARCH	01.0 TO 06.0 CR			
1	TO BE ARRANGED				MARION GERMAIN B
581	SEMINAR	01.0 CR			
1	04.00	T	AG	120	KAMMLADE
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				

## Anthropology (ANTH)

250	INTRODUCTORY ANTH	03.0 CR			
	PREREQ CONSENT OF DEPT				
1	11.00	T THF	H EC	206	BELMONT
275	INDIV STUDY-GENERAL	02.0 TO 18.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
304	ORIG CIVILIZATION	03.0 CR			
1	01.00	M F	H EC	106	RILEY CARROLL LAVERN
	01.00	TH	H EC	202	
311B	PEOPLE-CULT WRLD I	03.0 CR			
	PREREQ FOR UNDERGRAD - ANTH 250 OR EQ				
	UIV				
1	09.00	M W F	H EC	106	GRIMES
313A	PEOPLE-CULT WRLD 3	03.0 CR			
	PREREQ FOR UNDERGRAD - ANTH 250 OR EQ				
	UIV				
1	02.00	M W F	H EC	106	HANDLER
401	LANGUAGE IN CULTURE	04.0 CR			
	PREREQ ANTH 250 OR EQUIV				
1	01.00-02.50	T TH	H EC	106	MARING J
404	PRIM ART AND TECH	04.0 CR			
	PREREQ ANTH 250 OR EQUIV				
1	03.00-04.50	T	H EC	106	
	04.00-05.50	W	H EC	106	
ALSO REQ 1 HR 483 MTG AT 4:00 M HEC 106					
413	INTR TO GEN LINGUIS	03.0 CR			
	PREREQ ANTH 250 OR EQUIV				
1	09.00-10.50	T	H EC	106	
	09.00	TH	H EC	106	

415	LOGIC OF SOCIAL SCI			03.0 CR	
1	11.00	T TH	WHAM	208	MCCLURE GEORGE T
	11.00	F	H EC	206	
	CROSSLISTED WITH PHILOSOPHY 415				
442	COMPAR FOLKLORE			03.0 CR	
	PREREQ ANTH 250 OR EQUIV				
1	10.00-11.50	M	H EC	106	MARING E
	11.00	W	H EC	106	
465C	MUSEUM METHODS			02.0 CR	
	PREREQ JR STANDING				
1	TO BE ARRANGED				HEDRICK
466	MUSEUM ADMIN			02.0 CR	
	PREREQ JR STANDING				
1	TO BE ARRANGED				HEDRICK
483	INDIV STUDY IN ANTH		01.0 TO 18.0 CR		
	PREREQ ANTH 250 OR EQUIV				
1	TO BE ARRANGED				
510	SEM-NEW WORLD ARCH		03.0 TO 09.0 CR		
1	07.30-10.00 PM	T	H EC	106	TAYLOR
511	SEM MESO-AMER ARCH		03.0 TO 09.0 CR		
1	07.30-10.00 PM	W	H EC	106	RANDS ROBERT L
512	SEM-OLD WORLD ARCH		03.0 TO 09.0 CR		
1	TO BE ARRANGED				SPECHT
522	SEM-ANTH OF OCEANIA		03.0 TO 09.0 CR		
1	TO BE ARRANGED				COOK
535	SEM-PHYSICAL ANTH		03.0 TO 09.0 CR		
1	TO BE ARRANGED				BALLONOFF
562	SEM-ANTH CONT PEOP		03.0 TO 09.0 CR		
1	10.00-12.30	F	CL	25	HANDLER
567	SEM-ANTH THRY & MET		03.0 CR		
	PREREQ CONSENT OF DEPT				
1	07.30-10.00 PM	TH	H EC	122A	SCHULER
582	PROB-ARCHAEOLOGY		01.0 TO 27.0 CR		
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				A
584	PROB-CULTURAL ANTH		01.0 TO 27.0 CR		
1	TO BE ARRANGED				A
585	READINGS IN ANTH		01.0 TO 27.0 CR		
1	TO BE ARRANGED				A
595B	FIELD METHODS-ETHNO		03.0 CR		
1	03.00-05.30	TH	H EC	8E	MARING JOEL M
596B	FIELD METHODS ARCH		03.0 CR		
1	03.00-05.30	F	H EC	106	MULLER
597	FIELDWORK IN ANTH		01.0 TO 27.0 CR		
1	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				

#### Applied Science (AP S)

323	INTRO COMPUTER SCI			03.0 CR	
	PREREQ ENGR 222 OR MATH 225 OR MGT 455 AND MATH 111				
1	02.00	M	AG	154	
	02.00	W F	AG	144	
401C	X-RAY CRYSTALLOGPHY			04.0 CR	
1	TO BE ARRANGED				
410B	ELECT & INST FOR LS			04.0 CR	
1	TO BE ARRANGED				
430	SPECIAL PROBLEMS		02.0 TO 08.0 CR		
	PREREQ CONSENT OF COORDINATOR				
1	TO BE ARRANGED				
501C	MATERIALS SCIENCE			04.0 CR	
1	TO BE ARRANGED				
503C	PROP-CRYST MATERIAL			04.0 CR	
1	TO BE ARRANGED				
504C	X-RAY DIFFRACTION			04.0 CR	
	PREREQ GRAD STANDING				
1	TO BE ARRANGED				



522A	PRO SYSTEM DESIGN		03.0 CR		
	PREREQ	AP S 422			
1	09.00	M	AG	170	
	09.00	W	AG	116	
	09.00	F	AG	144	
570	SPECIAL INVESTIGAT		02.0 TO 06.0 CR		
1	TO BE ARRANGED				
580	SEMINAR		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
<b>Art (ART)</b>					
100A	SCULPTURE-CRAFTS		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	08.00-09.50	M W F	ALLYN	112	BENSON MARIS D
2	10.00-11.50	M W F	ALLYN	112	DONOHUE DANIEL J
100B	CRAFTS-SCULPTURE		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	12.00-01.50	M W F	ALLYN	112	BOYSEN BILL H
2	02.00-03.50	M W F	ALLYN	112	FUHRMAN, BILL
100C	PAINTING-GRAPHICS		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	11.00-01.50	T TH	ALLYN	112	BETAUDIER PATRICK
2	04.00-05.50	M W F	ALLYN	112	ONKEN MICHAEL O
100D	GRAPHICS-DRAWING		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	12.00-01.50	M W F	ALLYN	106	KOLDEN LARRY D
2	02.00-03.50	M W F	ALLYN	106	LITTLEFIELD LEE F
100E	DRAWING-PAINTING		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	08.00-09.50	M W F	ALLYN	106	PAULSON ROBERT L
2	10.00-11.50	M W F	ALLYN	106	GREENFIELD SYLVIA R
200A	SCULPTURE		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	08.00-09.50	M W F	0549	101	ADDINGTON ALDON M
2	10.00-11.50	M W F	0549	101	ADDINGTON ALDON M
3	12.00-01.50	M W F	0549	101	
200B	DRAWING		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	08.00-10.50	T TH	ALLYN	202	LINK LAWRENCE JOHN
2	08.00-09.50	M W F	ALLYN	202	LITTLEFIELD LEE F
3	10.00-11.50	M W F	ALLYN	106	
200C	PAINTING		04.0 CR		
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	02.00-03.50	M W F	ALLYN	202	PAULSON ROBERT L
2	02.00-04.50	T TH	ALLYN	202	LINK LAWRENCE JOHN
3	06.00-08.50 PM	T TH	ALLYN	202	
225C	INTRO TO ART HIST		03.0 CR		
1	09.00	W F	LAWSON	141	SCHAAF WILLIAM N
	09.00	T	LAWSON	161	
259	STUDIO		04.0 TO 24.0 CR		
1	TO BE ARRANGED				
300A	ART ED FOR EL TEACH		04.0 CR		
1	08.00	T TH	WHAM	105	
	10.00-11.50	T TH	PULL I	105	
2	08.00	T TH	WHAM	105	LAWSON
	01.00-02.50	T TH	PULL I	105	
3	08.00	T TH	WHAM	105	
	12.00-01.50	M W	PULL I	105	LAWSON
4	08.00	T TH	WHAM	105	
	02.00-03.50	M W	PULL I	105	LAWSON

300B	ART ED FOR EL TEACH			04.0 CR	
	PREREQ ART 300A				
1	04.00-05.50	T TH	PULL I	105	
	08.00	T TH	LAWSON	161	LAWSON
INTENDED FOR STUDENTS WHO HAVE HAD 1 QTR OF ART 300					
302A	POTTERY-ADVANCED			04.0 CR	
	PREREQ ART 302B				
1	08.00-09.50	M W F	ALLYN	5	BOYSEN BILL H
2	02.00-04.50	T TH	ALLYN	5	
302B	POTTERY-ADVANCED			04.0 CR	
	PREREQ ART 302B				
1	08.00-10.50	T TH	ALLYN	5	VERGETTE NICHOLAS
307	THEORY&PHIL ART ED			03.0 CR	
1	09.00	M W F	PULL I	105	ABRAHAMSON ROY E
308	CUR & ADM - ART ED			03.0 CR	
1	10.00	M W F	PULL I	105	WOOD
320A	OIL PAINT TECH -ADV			04.0 CR	
	PREREQ ART 320B				
1	10.00-11.50	M W F	ALLYN	202	
320B	OIL PAINT TECH -ADV			04.0 CR	
	PREREQ ART 320B				
1	05.00-07.50	T TH	ALLYN	202	
332A	JEWELRY &METALSMITH			04.0 CR	
	PREREQ ART 332B				
1	08.00-09.50	M W F	ALLYN	11	
332B	JEWELRY &METALSMITH			04.0 CR	
	PREREQ ART 332B				
1	12.00-01.50	M W F	ALLYN	11	
2	02.00-03.50	M W F	ALLYN	11	
341	DRAWING			02.0 TO 12.0 CR	
	PREREQ 12 HRS OF ART 100, 200, OR CON SENT OF INSTR				
1	08.00-09.50	T TH	ALLYN	202	LINK LAWRENCE JOHN
2	04.00-05.50	M W F	ALLYN	202	PAULSON ROBERT L
358	PRINTS			02.0 TO 12.0 CR	
	PREREQ ART 100 & 200 OR CONSENT OF IN STR				
1	02.00-03.50	M W F	ALLYN	210	KOLDEN LARRY D
2	04.00-05.50	M W F	ALLYN	210	
365	ART ED METHODS			04.0 CR	
	PREREQ ART 100				
1	01.00-03.50	T TH	PIERCE	130	GREENFIELD SYLVIA R
385A	WEAVING - ADVANCED			04.0 CR	
	PREREQ ART 385B				
1	02.00-04.50	T TH	0702	101	
385B	WEAVING - ADVANCED			04.0 CR	
	PREREQ ART 385B				
1	06.00-08.50 PM	T TH	0702	101	
393	SCULPTURE			04.0 TO 12.0 CR	
	PREREQ ART 200-12 HRS				
1	08.00-10.50	T TH	0549	101	WALSH THOMAS J
401	RESEARCH PAINTING			02.0 TO 12.0 CR	
1	08.00-09.50	M W F	0549	101	BERNSTEIN LAWRENCE
2	12.00-01.50	M W F	0549	101	BERNSTEIN LAWRENCE
405	STUDIO IN SCULPTURE			02.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	02.00-04.50	T TH	0549	101	WALSH THOMAS J
408	ART ED ELEM TCH II			04.0 CR	
	PREREQ ART 300				
1	03.00-05.50	M W	PULL I	105	LAWSON ELDORA
410	RESEARCH IN PRINTS			02.0 TO 12.0 CR	
1	10.00-11.50	M W F	ALLYN	210	KOLDEN LARRY D
420	RESEARCH POTTERY			02.0 TO 12.0 CR	
1	11.00-01.50	T TH	ALLYN	5	VERGETTE NICHOLAS
430	RES METAL CONSTR			02.0 TO 12.0 CR	
1	10.00-11.50	M W F	ALLYN	11	KINGTON LOUIS BRENT
440	RESEARCH IN WEAVING			02.0 TO 12.0 CR	
1	11.00-01.50	T TH	0702	101	GINSBERG RUTH L

441	STUDIO IN DRAWING	02.0 TO 12.0 CR			
	PREREQ ART 341-12 HRS				
1	04.00-05.50	M W F	ALLYN	202	LITTLEFIELD LEE F
2	04.00-05.50	M W F	ALLYN	202	LITTLEFIELD LEE F
460	RESEARCH ART EDUC	02.0 TO 12.0 CR			
1	01.00	M W F	PULL I	105	ABRAHAMSON ROY E
482C	ART HIST SEM-REN	03.0 CR			
1	TO BE ARRANGED				SCHAAF WILLIAM N
483C	RES ART HIST-REN	03.0 CR			
1	TO BE ARRANGED				JOHNSON EVERT
501	SEMINAR PAINTING	02.0 TO 12.0 CR			
1	TO BE ARRANGED				BERNSTEIN LAWRENCE
502	SEM IN SCULPTURE	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				WALSH THOMAS J
504	RESEARCH-SCULPTURE	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				WALSH THOMAS J
511	SEMINAR IN PRINTS	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	10.00-11.50	M W F	ALLYN	210	KJLDEN LARRY D
520	SEMINAR POTTERY	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	ALLYN	5	VERGETTE NICHOLAS
530	SEMINAR METAL CONST	02.0 TO 12.0 CR			
1	10.00-11.50	M W F	ALLYN	11	KINGTON LOUIS BRENT
540	SEMINAR IN WEAVING	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	0702	101	GINSBERG RUTH L
541	RESEARCH IN DRAWING	02.0 TO 12.0 CR			
	PREREQ 12 HRS OF ART 300				
1	TO BE ARRANGED				LITTLEFIELD LEE F
566	RESEARCH ART EDUC	02.0 TO 12.0 CR			
1	TO BE ARRANGED				ABRAHAMSON ROY E
571	READ ART HISTORY	02.0 TO 05.0 CR			
	PREREQ GRAD STANDING & CONSENT OF INSTR				
1	TO BE ARRANGED				SULLIVAN JAMES E
573	PROB-ART HIST	03.0 TO 12.0 CR			
1	TO BE ARRANGED				SULLIVAN JAMES E
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				FINK HERBERT L

### Black American Studies (BAS)

318	SEM-BLACK STUDIES	03.0 CR			
	PREREQ GSB 309 OR GSC 325 OR CONSENT OF INSTR				
1	07.00-09.00 PM	M W	AG	152	
320	SEM-GROUP LDRSHIP	02.0 CR			
	PREREQ CONSENT OF INSTR				
1	07.00-09.00 PM	TH	PULL	43	SCOTT
322	METH OF BLK STUDIES	03.0 CR			
	PREREQ CONSENT OF INSTR				
1	06.00-09.00 PM	T	BROWN	130	
340	BLACKS-PERFORM ARTS	03.0 CR			
	PREREQ GSC 325, HIST 349A,B,C, HIST 309 OR CONSENT OF DEPT				
1	09.00-10.50	W F	AG	220	MARSHALL
360	BLACK AM & THE LAW	04.0 CR			
	PREREQ CONSENT OF DEPT OR BAS 309, GS B 109				
1	06.00-09.00 PM	T	BAILEY	130	ZIV

### Biology (BIOL)

305	GENETICS-CLAS & MOL	04.0 CR			
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY				
1	04.00	MTWTH	LS I	133	ENGLERT - GILMORE
306	DEVELOPMENTAL BIOL	04.0 CR			
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY				
1	09.00	MT TH S	LAWSON	141	PAPPELIS - HAAS

# Botany (BOT)

300	MORPH NON-VAS PLANT				04.0	CR	
	PREREQ	GSA 201B					
1	01.00		M W F	LS II	450		KAEISER MARGARET
	01.00-02.50		T	LS II	404		KAEISER MARGARET
2	01.00		M W F	LS II	450		KAEISER
	01.00		TH	LS II	404		KAEISER
301	MORPH VAS PLANTS				04.0	CR	
	PREREQ	GSA 201B					
1	09.00		T TH	LS II	450		MATTEN LAWRENCE C
	10.00-11.50		W F	LS II	480		
308	TAX-CULT PLANTS				05.0	CR	
	PREREQ	CONSENT OF INSTR					
1	10.00-11.50		TWTH	GREEN	101		MARBERRY WILLIAM M
320	PLANT PHYSIOLOGY				05.0	CR	
	PREREQ	GSA 201B, CHEM 350 OR MINOR IN CHEM					
1	08.00		M W F	LS II	450		YOPP JOHN
	08.00-09.50		T TH	LS II	457		
2	08.00		M W F	LS II	450		YOPP JOHN
	10.00-11.50		T TH	LS II	457		
3	08.00		M W F	LS II	450		YOPP JOHN
	01.00-02.50		T TH	LS II	457		
390	READINGS - BOTANY				02.0 TO 04.0	CR	
	PREREQ	BOT MAJOR AND CONSENT OF INSTR					
1		TO BE ARRANGED					
391	SPEC PROB IN BOTANY				02.0 TO 05.0	CR	
	PREREQ	BOT MAJOR AND CONSENT OF DEPT					
1		TO BE ARRANGED					
392	HONORS IN BOTANY				03.0 TO 21.0	CR	
	PREREQ	CONSENT OF DEPARTMENT					
1		TO BE ARRANGED					
404	THE ALGAE				05.0	CR	
	PREREQ	BOT 300					
1	09.00		M W F	LS II	450		TINDALL DONALD R
	08.00-09.50		T TH	LS II	404		TINDALL DONALD R
410	BRYOPHYTES & LICHEN				03.0	CR	
	PREREQ	CONSENT OF INSTR					
1		TO BE ARRANGED					STOTLER
414	PALEOBOTANY				05.0	CR	
	PREREQ	BOT 301 OR GEOL 221					
1	01.00-02.50		M	LS II	480		MATTEN LAWRENCE
	01.00-03.50		W F	LS II	480		
425C	ADV PLANT PHYSIOL				05.0	CR	
	PREREQ	BOT 425B					
1	11.00		M W F	LS II	450		SCHMID WALTER E
	10.00-11.50		T TH	LS II	453		SCHMID WALTER E
440B	ADVANCED ECOLOGY				05.0	CR	
	PREREQ	BIOL 307 OR CONSENT OF DEPT					
1	03.00		M W F	LS II	450		WEAVER GEORGE
		LAB TBA ON SAT. IN LS II 423					
457	FOREST PATHOLOGY				04.0	CR	
	PREREQ	BOT 456 OR CONSENT OF INSTR					
1	02.00		M W	LS II	450		PAPPELIS ARISTOTEL
	01.00-02.50		T TH	LS II	423		
2	02.00		M W	LS II	450		PAPPELIS ARISTOTEL
	03.00-04.50		T TH	LS II	423		
524	ADV PLANT GENETICS				03.0	CR	
1	02.00		T THF	LS II	450		MYERS OVAL
526	CYTOGENETICS				05.0	CR	
	PREREQ	BOT 525 OR CONSENT OF INSTR					
1	03.00		M W F	LS II	430		OLAH LESLIE
	03.00-04.50		T TH	LS II	404		OLAH LESLIE
535	AQUATIC ENERGETICS				03.0	CR	
	PREREQ	CONSENT OF INSTR					
1	10.00-11.50		M W	LS II	453		VERDUIN JACOB
		LAB TBA ON SAT. IN LS II 453					
542	BIOSYSTEMATICS				03.0	CR	
	PREREQ	BOT 315 OR ZOO 401 OR CONSENT OF INSTR					
1	10.00		T TH	LS II	430		UGENT DONALD
	10.00-11.50		W	LS II	423		UGENT DONALD



570	READINGS - BOTANY	02.0 TO 05.0 CR	
1	TO BE ARRANGED		
580	SEMINAR	01.0 TO 03.0 CR	
	PREREQ UNDERGRAD MAJ OR MINOR IN BOT OR DEPT CONSENT		
1	11.00-01.50	MT TH	LS II 430 MOHLENBROCK ROBERT
2	04.00	W	LS II 580 MYERS OVAL
590	INTRO TO RESEARCH	02.0 TO 04.0 CR	
1	11.00-01.50	W F	LS II 430 MOHLENBROCK ROBERT
2	TO BE ARRANGED		
591	RESEARCH	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 36.0 CR	
1	TO BE ARRANGED		

### Business Administration (B A)

500	RES METH & COMMUNIC	04.0 CR	
1	10.00-11.50	M	LS I 205 ADAMS
	10.00-11.50	W	PULL 41
514	CONTROLLERSHIP	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR		
1	01.00-02.50	T TH	CL 25
526	MANAGERIAL ECON	04.0 CR	
1	03.00	MTWTH	LS II 130 BUNGER
	CROSSLISTED WITH ECON 526		
532	FIN INST & MKTS	04.0 CR	
1	01.00-02.50	T TH	CL 326
540	MGR & ORG BEHAVIOR	04.0 CR	
1	05.45-07.25	M W	CL 24
541	OPERAT & CONTROL	04.0 CR	
1	10.00-11.50	T TH	LS I 205
559	SEMINAR IN MKTG	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR		
1	03.00-04.50	M W	CL 25 DOMMERMUTH WILLIAM P
590	INDEPENDENT STUDY	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR		
1	TO BE ARRANGED		WATERS
598	BUSINESS POLICIES	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR		
1	01.00-02.50	W F	CL 25
599	THESIS	04.0 TO 08.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR		
1	TO BE ARRANGED		WATERS

### Community Development (CD)

401	INTRO TO CD	04.0 CR	
	PREREQ 4 HRS SOC OR CONSENT OF INSTR		
1	03.00-04.50	M W	0686 29
502	COMMUNITY & CHANGE	04.0 CR	
	PREREQ CD 401, INSTR CONSENT		
1	11.00-12.50	T TH	0686 29
503	PROB & APPROACH- CD	04.0 CR	
	PREREQ CD 401, CONSENT OF INSTR		
1	04.00-05.50	T TH	0686 29
512	CHNG AGNT-PLAN CHNG	04.0 CR	
	PREREQ CD 401 OR CONSENT OF INSTR		
1	TO BE ARRANGED		
596	INDEPND STUDY - CD	01.0 TO 08.0 CR	
	PREREQ CD 401 & CONSENT OF INSTR		
1	TO BE ARRANGED		
598	RES SEM IN CD	04.0 CR	
	PREREQ CD 401, 501, 502, 503 & 511		
1	TO BE ARRANGED		



1 TO BE ARRANGED

**Chemistry (CHEM)**

110 INORGANIC CHEMISTRY		04.0 CR		
1	09.00	M W F	PHY SB 240	BROWN GEORGE E
	10.00	W	PHY SC 118	
	08.00-10.50	T	PHY SC 109	
2	09.00	M W F	PHY SB 240	BROWN GEORGE E
	10.00	W	PHY SC 118	
	08.00-10.50	TH	PHY SC 109	
3	09.00	M W F	PHY SB 240	BROWN GEORGE E
	10.00	W	PHY SC 118	
	08.00-10.50	T	PHY SC 108	
4	09.00	M W F	PHY SB 240	BROWN GEORGE E
	10.00	W	PHY SC 118	
	08.00-10.50	TH	PHY SC 108	
5	09.00	M W F	PHY SB 240	BROWN GEORGE E
	11.00	TH	PHY SC 118	
	08.00-10.50	S	PHY SC 108	
121B GEN CHEM-QUAL ANAL		05.0 CR		
PREREQ 121A				
1	08.00	T TH	PARK 124	VAN LENTE KENNETH A
	09.00	T	PHY SC 116	
	08.00-10.50	W F	PHY SC 102	
2	08.00	T TH	PARK 124	VAN LENTE KENNETH A
	09.00	T	PHY SC 116	
	08.00-10.50	W F	PHY SC 104	
3	08.00	T TH	PARK 124	VAN LENTE KENNETH A
	09.00	TH	PHY SC 116	
	08.00-10.50	W F	PHY SC 106	
4	08.00	T TH	PARK 124	VAN LENTE KENNETH A
	09.00	TH	PHY SC 116	
	08.00-10.50	W F	NKRS C 108	
5	11.00	M W	PARK 124	HINCKLEY CONRAD C
	10.00	M	PHY SC 116	
	09.00-11.50	T TH	PHY SC 102	
6	11.00	M W	PARK 124	HINCKLEY CONRAD C
	10.00	M	PHY SC 116	
	09.00-11.50	T TH	PHY SC 104	
7	11.00	M W	PARK 124	HINCKLEY CONRAD C
	10.00	W	PHY SC 116	
	09.00-11.50	T TH	PHY SC 106	
8	11.00	M W	PARK 124	HINCKLEY CONRAD C
	10.00	W	PHY SC 116	
	09.00-11.50	T TH	PHY SC 107	
9	03.00	T TH	PARK 124	VAN LENTE KENNETH A
	02.00	T	PHY SC 116	
	02.00-04.50	M W	PHY SC 102	
10	03.00	T TH	PARK 124	VAN LENTE KENNETH A
	02.00	T	PHY SC 116	
	02.00-04.50	M W	PHY SC 104	
11	03.00	T TH	PARK 124	VAN LENTE KENNETH A
	02.00	TH	PHY SC 116	
	02.00-04.50	M W	PHY SC 106	
12	03.00	T TH	PARK 124	VAN LENTE KENNETH A
	02.00	TH	PHY SC 116	
	02.00-04.50	M W	PHY SC 107	
235 GEN QUANT ANALYSIS		05.0 CR		
PREREQ CHEM 121B				
1	03.00	M W F	PHY SB 440	GEIGER
	03.00	T	PHY SC 116	
	04.00-05.50	T	PHY SC 408	
2	03.00-05.50	TH	PHY SC 408	GEIGER
	03.00	M W F	PHY SB 440	
	12.00	T	PHY SC 116	
	01.00-02.50	T	PHY SC 408	
	12.00-02.50	TH	PHY SC 408	

3	03.00		M W F	PHY SB	440	GEIGER
	12.00		M	PHY SC	116	
	01.00-02.50		M	PHY SC	408	
	12.00-02.50		W	PHY SC	408	
4	03.00		M W F	PHY SB	440	GEIGER
	08.00		T	PHY SC	116	
	09.00-10.50		T	PHY SC	408	
	08.00-10.50		TH	PHY SC	408	
5	03.00		M W F	PHY SB	440	GEIGER
	06.00	PM	M	PHY SC	116	
	07.00-08.50	PM	M	PHY SC	408	
	06.00-08.50	PM	W	PHY SC	408	
240	ORGANIC CHEMISTRY			04.0	CR	
	PREREQ	110 OR 121A				
1	01.00		M W F	PHY SB	240	
	01.00		TH	PHY SC	116	
	11.00-01.50		T	PHY SC	109	
2	01.00		M W F	PHY SB	240	
	01.00		TH	PHY SC	116	
	02.00-04.50		T	PHY SC	109	
3	01.00		M W F	PHY SB	240	
	01.00		T	PHY SC	116	
	11.00-01.50		TH	PHY SC	109	
4	01.00		M W F	PHY SB	240	
	01.00		T	PHY SC	116	
	02.00-04.50		TH	PHY SC	109	
5	01.00		M W F	PHY SB	240	
	01.00		TH	PHY SC	116	
	02.00-04.50		M	PHY SC	109	
6	01.00		M W F	PHY SB	240	
	01.00		TH	PHY SC	116	
	02.00-04.50		W	PHY SC	109	
7	01.00		M W F	PHY SB	240	
	01.00		T	PHY SC	116	
	08.00-10.50		S	PHY SC	109	
8	01.00		M W F	PHY SB	240	HALL JOHN
	01.00		T	PHY SC	116	
	02.00-04.50		F	PHY SC	109	
9	01.00		M W F	PHY SB	240	HALL JOHN
	01.00		T	PHY SC	116	
	11.00-01.50		TH	PHY SC	108	
305A	ORG CHEM-PRE PROF			05.0	CR	
	PREREQ	CHEM 121B				
1	11.00		M W F	PARK	204	HALL
	11.00-01.50		T	PHY SC	203	
	11.00		TH	PHY SA	258	
2	11.00		M W F	PARK	204	HALL
	11.00-01.50		TH	PHY SC	203	
	11.00		T	PHY SC	116	
3	11.00		M W F	PARK	204	HALL
	01.00-03.50		W	PHY SC	203	
	03.00		M	PARK	301	
341C	ORGANIC CHEMISTRY			05.0	CR	
	PREREQ	341B OR 305B FOR STUDENTS				
	STARTING	305 SEQ				
1	08.00		M W F	PHY SC	118	MEYERS CAL Y
	08.00-10.50		T TH	PHY SC	203	
	09.00		W	PHY SC	116	
2	08.00		M W F	PHY SC	118	MEYERS CAL Y
	09.00-11.50		M W	PHY SC	203	
	09.00		T	PHY SC	118	
3	08.00		M W F	PHY SC	118	MEYERS CAL Y
	02.00-04.50		T TH	PHY SC	203	
	03.00		W	PARK	204	
350	BIOLOGICAL CHEM			04.0	CR	
	PREREQ	CHEM 240 OR 305B OR 341C				
1	11.00		M W F	NKRS C	118	
	01.00-02.50		T	NKRS C	204	
2	11.00		M W F	NKRS C	118	
	01.00-02.50		TH	NKRS C	204	

432B	INST ANAL MEASMTS	04.0 CR	
	PREREQ CHEM 461B MAY BE TAKEN CONCURRENTLY		
1	11.00 T TH NKRS C 218 CASKEY COX GEIGER		
	LAB TBA		
433	INT QUANT ANALYSIS	03.0 CR	
	PREREQ CHEM 432A OR B & CHEM 461C		
1	01.00 T TH PHY SC 118 CASKEY ALBERT L		
	LAB TBA		
451C	BIOCHEMISTRY	03.0 CR	
	PREREQ CHEM 235, 305B OR 341C-MUST BE TAKEN IN SEQUENCE		
1	08.00 M W F PHY SC 218		
455B	BIOCHEMISTRY LAB	04.0 CR	
	PREREQ 455A		
1	11.00 TH PHY SC 116		
	LAB TBA		
2	11.00 TH PHY SC 116		
	LAB TBA		
460	PRIN PHYSICAL CHEM	05.0 CR	
	PREREQ CHEM 235, 305B OR 341C & 1 YR OF PHYS OR CONSENT		
1	02.00 M W F PHY SC 116 KOSTER		
	01.00-02.50 T TH PHY SC 105		
2	02.00 M W F PHY SC 116 KOSTER		
	03.00-04.50 M W PHY SC 105		
3	02.00 M W F PHY SC 116 KOSTER		
	03.00-04.50 T TH PHY SC 105		
461C	PHYSICAL CHEMISTRY	04.0 CR	
	PREREQ CHEM 461B		
1	11.00 M W F PHY SC 116 TYRRELL JAMES		
	09.00-11.50 T PHY SC 105		
2	11.00 M W F PHY SC 116 TYRRELL JAMES		
	09.00-11.50 TH PHY SC 105		
3	11.00 M W F PHY SC 116 TYRRELL JAMES		
	08.00-10.50 W PHY SC 105		
4	11.00 M W F PHY SC 116 TYRRELL JAMES		
	08.00-10.50 F PHY SC 105		
464	INTR TO QUANT CHEM	03.0 CR	
	PREREQ CHEM 461C OR CONSENT OF INSTR		
1	03.00 M W F NKRS A 156 GIBBARD H FRANK		
471	INDUSTRIAL CHEM	03.0 CR	
	PREREQ CHEM 305B OR 341C		
1	09.00 M W F PHY SC 118 HADLEY ELBERT H		
490	CHEM LITERATURE	02.0 CR	
	PREREQ CHEM 235 & 305B OR 341C, READ KNOW, GER, CONSENT INSTR		
1	03.00 T TH PHY SC 118 BROWN GEORGE E		
496A	CHEM PROB ANALY	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
496B	CHEM PROB BIOCHEM	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
496C	CHEM PROB INORGANIC	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
496D	CHEM PROB ORGANIC	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
496E	CHEM PROB PHYSICAL	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
511B	ADV INORGAN CHEM	03.0 CR	
	PREREQ CHEM 461C		
1	01.00 M W F PHY SC 116 SCHMULBACH CHARLES		

539	ADV TOPICS-ANAL	02.0 TO 30.0 CR			
1	01.00	M W F	PHY SC	118	COX JAMES
542	ADV ORG CHEM	03.0 CR			
	PREREQ CHEM 541				
1	09.00	M W F	PHY SC	218	ARNOLD RICHARD T
549	ADV TOPICS-ORGANIC	02.0 TO 30.0 CR			
	PREREQ CHEM 543				
1	10.00	M W F	PHY SC	218	SMITH GERARD
562B	QUANTUM CHEMISTRY	03.0 CR			
	PREREQ CHEM 562A				
1	03.00	M W F	PHY SC	118	MUSULIN BORIS
563	CHEMICAL DYNAMICS	03.0 CR			
	PREREQ CHEM 461C				
1	11.00	M W F	NKRS A	278	EMPTAGE MICHAEL
594A	SP READ-CHEM ANALY	02.0 TO 15.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	TO BE ARRANGED				
594B	SP READ-CHEM BIO	02.0 TO 15.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	TO BE ARRANGED				
594C	SP READ-CHEM INORG	02.0 TO 15.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	TO BE ARRANGED				
594D	SP READ-CHEM ORGAN	02.0 TO 15.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00-05.45	T F	PHY SB	240	
594E	SP READ-CHEM PHYS	02.0 TO 15.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	TO BE ARRANGED				
595A	ADV SEM-CHEM ANALY	00.0 TO 09.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00	M	PHY SC	218	CASKEY ALBERT L
595B	ADV SEM-CHEM BIO	00.0 TO 09.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00	T	PHY SC	218	
595C	ADV SEM-CHEM INORG	00.0 TO 09.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00	W	PHY SC	218	SCHMULBACH CHARLES
595D	ADV SEM-CHEM ORGAN	00.0 TO 09.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00	F	PHY SC	218	SMITH GERARD
595E	ADV SEM-CHEM PHYS	00.0 TO 09.0 CR			
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV				
1	04.00	TH	PHY SC	218	GIBBARD H FRANK
596A	ADV CHEM PROB-ANAL	03.0 TO 20.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	07.00-09.50 PM	T	PHY SC	410	
596B	ADV CHEM PROB-BIO	03.0 TO 20.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
596C	ADV CHEM PROB-INORG	03.0 TO 20.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
596D	ADV CHEM PROB-ORGAN	03.0 TO 20.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
596E	ADV CHEM PROB-PHYS	03.0 TO 20.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
597A	RES & THESIS-ANAL	03.0 TO 40.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				

597B	RES & THESIS-BIO	03.0 TO 40.0 CR
	PREREQ CONSENT OF DEPT CHAIRMAN	
1	TO BE ARRANGED	
597C	RES & THESIS-INORG	03.0 TO 40.0 CR
	PREREQ CONSENT OF DEPT CHAIRMAN	
1	TO BE ARRANGED	
597D	RES & THESIS-ORGAN	03.0 TO 40.0 CR
	PREREQ CONSENT OF DEPT CHAIRMAN	
1	TO BE ARRANGED	
597E	RES & THESIS-PHYS	03.0 TO 40.0 CR
	PREREQ CONSENT OF DEPT CHAIRMAN	
1	TO BE ARRANGED	
598A	RES-DOCTOR ANALY	03.0 TO 48.0 CR
	PREREQ M A DEGREE OR EQUIV	
1	TO BE ARRANGED	
598B	RES-DOCTOR BIOCHEM	03.0 TO 48.0 CR
	PREREQ M A DEGREE OR EQUIV	
1	TO BE ARRANGED	
598C	RES-DOCTOR INORGAN	03.0 TO 48.0 CR
	PREREQ M A DEGREE OR EQUIV	
1	TO BE ARRANGED	
598D	RES-DOCTOR ORGANIC	03.0 TO 48.0 CR
	PREREQ M A DEGREE OR EQUIV	
1	TO BE ARRANGED	
598E	RES-DOCTOR PHYS	03.0 TO 48.0 CR
	PREREQ M A DEGREE OR EQUIV	
1	TO BE ARRANGED	
600A	DISSERT ANALYTICAL	03.0 TO 48.0 CR
	PREREQ ADMISSION TO PH D CANDIDACY	
1	TO BE ARRANGED	
600B	DISSERT BIOCHEM	03.0 TO 48.0 CR
	PREREQ ADMISSION TO PH D CANDIDACY	
1	TO BE ARRANGED	
600C	DISSERT INORGANIC	03.0 TO 48.0 CR
	PREREQ ADMISSION TO PH D CANDIDACY	
1	TO BE ARRANGED	
600D	DISSERT ORGANIC	03.0 TO 48.0 CR
	PREREQ ADMISSION TO PH D CANDIDACY	
1	TO BE ARRANGED	
600E	DISSERT - PHYSICAL	03.0 TO 48.0 CR
	PREREQ ADMISSION TO PH D CANDIDACY	
1	TO BE ARRANGED	

### Child and Family (C & F)

227	FAMILY LIVING	03.0 CR	
1	09.00	M W F	H EC 140B
2	06.00-07.25 PM	M W	H EC 140B
237	CHILD DEVELOPMENT	03.0 CR	
1	02.00	MT TH	H EC 140B
337	ADV CHILD DEVELOP	03.0 CR	
	PREREQ C&F 237		
1	09.00	M W F	H EC 120
345B	CHILD DEVELOP PRACT	03.0 CR	
1	04.00	T	H EC 120
	ADDITIONAL HRS TBA		
445	ADM PRE-SCHOOL PROG	04.0 CR	
1	06.00-09.00 PM	W	H EC 120
471	FIELD EXPERIENCE	02.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		ZUNICH MICHAEL
481	READINGS	02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN		
1	TO BE ARRANGED		ZUNICH MICHAEL
566	INTERPER REL IN FAM	04.0 CR	
1	06.30-09.00 PM	TH	H EC 120
572	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		



## Cinema and Photography (C & P)

311	1	CONTEMPORARY PHOTO		04.0	CR	
		02.00	MT THF	TECH A	111	SWAY
322	1	FUND OF COLOR PHOTO		04.0	CR	
		11.00-12.50	M	LAWSON	221	GILMORE
		09.00-11.50	T	AG	140	
		01.00-02.50	TH	0834	113	
		THREE HOUR LAB TBA				
	2	11.00-12.50	M	LAWSON	221	GILMORE
		01.00	T	0834	113	
		09.00-11.50	T	AG	140	
	3	11.00-12.50	M	LAWSON	221	GILMORE
		01.00	W	0834	113	
		09.00-11.50	TH	AG	140	
	4	11.00-12.50	M	LAWSON	221	
		01.00	TH	0834	113	
		09.00-11.50	TH	AG	140	
357	1	ADV FILM PRODUCTION		04.0	CR	
		08.00	M W	0834	113	MERCFP
		LAB TO BE ARRANGED				
362	1	SOUND FOR MOT PIC		04.0	CR	
		02.00-03.50	M W	0843	113	DAVIS
404	1	ADV PORTRAIT PHOTO		04.0	CR	
		10.00	M W	0834	113	GILMORE
		02.00-03.50	W	AG	142	
406	1	ADV COMMERCIAL PHOT		04.0	CR	
		10.00	T F	0834	113	SWAY
		02.00-03.50	F	AG	142	
		THREE HOUR LAB TBA				
408	1	ADV PUBLICATIONS PH		04.0	CR	
		09.00	M WTHF	0834	113	HORRELL
418	1	DOCUMENTARY PHOTO		04.0	CR	
		11.00	T TH	0834	113	HORRELL C WILLIAM
		LAB TO BE ARRANGED				
456	1	WORKSHOP-FILM PROD	01.0	TO 06.0	CR	
		TO BE ARRANGED				PAINE
458	1	PROJ-CINEMA & PHOTO	01.0	TO 12.0	CR	
		TO BE ARRANGED				
462	1	HIST DOCUMENTARY FM		04.0	CR	
		09.00-10.50	F	LAWSON	131	MERCER
		10.00-11.50	M	LAWSON	131	
		10.00	W	LAWSON	131	
470	1	SPEC CINEMATIC FORM		04.0	CR	
		04.00-05.50	M W	0834	113	BLUMENBERG
480	1	IND STUDY IN C&P	01.0	TO 12.0	CR	
		TO RE ARRANGED				
		CLASS MEETS TU IN 0871-102, F IN CL 109				

## Clothing and Textiles (C & T)

104	1	BASIC TEXTILES		03.0	CR	
		PREREQ GSA 101B OR EQUIV				
		08.00	M W F	H EC	140B	PADGETT ROSE
1278	1	CLOTHING CONSTRUCT		02.0	CR	
		09.00-10.50	M W	H EC	310	
233	1	PATT DES & CLO CONS		03.0	CR	
		PREREQ C&T 127 OR CONSENT OF CHAIRMAN				
		10.00-11.50	T TH	H EC	310	RIDLEY
	2	01.00-02.50	M W	H EC	310	RIDLEY SAMANTHA SUE
339	1	CLOTHING ECONOMICS		03.0	CR	
		09.00	M W F	H EC	203	RIDLEY SAMANTHA SUE
364	1	DRAPING AND CONST		03.0	CR	
		PREREQ C&T 233 OR CONSENT OF CHAIRMAN				
		03.00-04.50	T TH	H EC	310	BERRY
		03.00	F	H EC	310	
395	1	SPECIAL PROBLEMS	02.0	TO 04.0	CR	
		PREREQ CONSENT OF CHAIRMAN				
		TO BE ARRANGED				
433	1	ADV PAT DESIGNING		04.0	CR	
		11.00	T TH	H EC	303	BERRY
		10.00-11.50	M W	H EC	303	

440	CLOTHING THE FAMILY	04.0	CR	
1	03.00 MTWTH H EC	206		
481	READINGS	02.0	TO 03.0	CR
	PREREQ CONSENT OF CHAIRMAN			
1	02.00 M W F H EC	303		
570	CLOTH & TEXT SEM	04.0	CR	
1	01.00-03.50 M H EC	301		PADGETT
572	SPECIAL PROBLEMS	02.0	TO 04.0	CR
1	TO BE ARRANGED			
599	THESIS	02.0	TO 04.0	CR
1	TO BE ARRANGED			

### Design (DES)

100	DESIGN FUNDAMENTALS	05.0	TO 15.0	CR
1	01.00-03.50 M W	0848		103
	07.00-08.50 PM W	TECH A		111
2	01.00-03.50 T TH	0848		103
	07.00-08.50 PM W	TECH A		111
3	07.00-09.50 PM T TH	0848		103
	07.00-08.50 PM W	TECH A		111
275	BASIC VISUAL DESIGN	04.0	CR	
	PREREQ DES 100			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
345	DESIGN STUDIO	04.0	TO 12.0	CR
1	TO BE ARRANGED			
366	P-S DESIGN	04.0	TO 16.0	CR
	PREREQ DES 200 215 275			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
3	TO BE ARRANGED			
375	VISUAL DESIGN	04.0	TO 16.0	CR
	PREREQ DES 200 215 215			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
3	TO BE ARRANGED			
400	MAT & BASIC TECH	02.0	TO 06.0	CR
1	TO BE ARRANGED			
2	TO BE ARRANGED			
465F	RES IN P-S DESIGN	04.0	TO 16.0	CR
	PREREQ 12 HRS OF DES 366 OR ITS EQUIV			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
465G	RES IN VISUAL DES	04.0	TO 16.0	CR
	PREREQ 12 HRS OF DES 375 OR ITS EQUIV			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
490F	STUDIO P-S DESIGN	02.0	TO 12.0	CR
1	TO BE ARRANGED			
490G	STUDIO-VISUAL DES	02.0	TO 12.0	CR
1	TO BE ARRANGED			
520	EDUC TOOL SYSTEMS	04.0	TO 10.0	CR
1	TO BE ARRANGED			
530	STUD IN IND PROCESS	04.0	TO 12.0	CR
1	TO BE ARRANGED			
535	RES IN PRODUCT DES	04.0	TO 12.0	CR
1	TO BE ARRANGED			
540	STUDIES IN COMM DES	04.0	TO 12.0	CR
1	TO BE ARRANGED			
545	RES IN COMM DESIGN	04.0	TO 12.0	CR
1	TO BE ARRANGED			
550	FIELD STUDY DESIGN	02.0	TO 16.0	CR
1	TO BE ARRANGED			
560	ENVIRONMENT CONTROL	04.0	TO 12.0	CR
1	TO BE ARRANGED			
599	THESIS	03.0	TO 09.0	CR
1	TO BE ARRANGED			

### Economics (ECON)

214	ECONOMICS-MACRO	04.0	CR
1	08.00 MTW F LAWSON	101	

2	10.00	TWTHF	PULL	38	
3	12.00	MTW F	LS I	205	
4	12.00	MTW F	LAWSON	231	
5	03.00	M WTHF	LAWSON	221	
6	04.00	M W F	LAWSON	221	
	04.00	TH	LAWSON	201	
7	05.45-07.25	M W	LAWSON	101	
8	05.45-07.25	M W	LAWSON	131	
9	05.45-07.25	T TH	LAWSON	131	
215	ECONOMICS-MICRO		04.0	CR	
	PREREQ ECON 214				
1	08.00	MT THF	AG	214	
2	08.00	MT THF	LS I	205	
3	10.00	M	LAWSON	231	
	10.00	T THF	LS I	323	
4	12.00	M WTHF	PULL	38	
5	01.00	M WTHF	PULL	38	
6	02.00	MTWTH	LAWSON	231	
7	03.00	MTW F	LAWSON	231	
8	05.45-07.25	T TH	LAWSON	201	
301	ECONOMIC READINGS		01.0	TO 06.0	CR
	PREREQ CONSENT OF INSTR & CHAIRMAN				
1	TO BE ARRANGED				
308	ECON-BUS STAT I		04.0	CR	
	PREREQ GSD 110				
1	10.00	MTW F	WHAM	202	
2	11.00	T TH	WHAM	205	O BOYLE
	11.00	W F	PHY SC	218	
3	01.00	MTW F	0871	102	O BOYLE
4	04.00	MT THF	LS II	450	O BOYLE
5	07.35-09.15 PM	T TH	CL	109	FORAN
310	LABOR PROBLEMS		04.0	CR	
	PREREQ ECON 215				
1	12.00	MT THF	AG	216	MORRISON VERNON G
315	MONEY AND BANKING I		04.0	CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	09.00	M WTHF	TECH A	208	HOLLENHORST
2	08.00	MTWTH	PARK	204	LAYER
3	02.00	MT THF	0720	102	
330	PUBLIC FINANCE		04.0	CR	
	PREREQ GSB 211A OR ECON 215 OR				
	CONSENT OF INSTR				
1	11.00	MTW F	PULL	43	FRYMAN RICHARD F
419	LATIN AMER ECON DEV		04.0	CR	
	PREREQ ECON 211A OR 215 OR CONSENT OF INSTR				
1	01.00	MT THF	LS II	228	WIEGAND
429	INTERNATIONAL ECON		04.0	CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	04.00	M WTHF	WHAM	206	STOWE
440	INTERMED MICRO THEO		04.0	CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	09.00	MT THF	ARENA	119	BADRE
2	10.00	MTWTH	LS II	250	PULSIPHER
3	03.00	TWTHF	TECH A	420	SCULLY
441	INTERMED MACRO TH		04.0	CR	
	PREREQ ECON 214				
1	11.00	M WTHF	AG	116	PETRO ANDREW J
2	04.00	M WTHF	WHAM	205	CORNWALL
3	09.00	T TH	LS II	146	PETRO
	09.00	M W	LS II	350	
450B	HIST ECON THOUGHT		03.0	CR	
	PREREQ ECON 450A				
1	03.00	T THF	AG	216	WIEGAND
460	RUSSIAN ECONOMY		04.0	CR	
	PREREQ 211A OR 215 OR CONSENT OF INSTR				
1	08.00	TWTHF	PARK	301	FORD
462	EC DEV MIDDLE EAST		04.0	CR	
	PREREQ ECON 215				
1	11.00	M	0720	116	BADRE

	11.00	T TH	0720	118	
	11.00	F	0720	108	
465	MATH ECON I			04.0 CR	
	PREREQ	ECON 440 OR	CONSENT OF INSTR		
1	01.00	MTWTH	WHAM	319	BUNGER BYRON M
501	ECONOMICS READING		01.0 TO 05.0 CR		
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				BATRA RAVEENDRA N
502	READING IN RES ECON		01.0 TO 06.0 CR		
	PREREQ	CONSENT OF FORESTRY DEPT			
1	TO BE ARRANGED				
512	SEM-LABOR INSTIT			04.0 CR	
	PREREQ	ECON 310 OR	CONSENT OF INSTR		
1	11.00-12.50	M W	CL	25	EDELMAN MILTON T
526	MANAGERIAL ECON			04.0 CR	
	PREREQ	ECON 214 & 215 OR 351 OR			
		CONSENT OF INSTR			
1	03.00	MTWTH	CL	326	BUNGER
	CROSSLISTED WITH BA 526				
540B	MICROECON THEORY II			04.0 CR	
	PREREQ	540A OR	CONSENT OF INSTR		
1	02.00	M W	CL	24	MARTINSEK
	02.00	T TH	H EC	203	
541A	MACROECON TH I & II			04.0 CR	
	PREREQ	441 OR	CONSENT OF INSTR		
1	11.00-12.50	T TH	LS II	228	STALON
555	SEM - ECON HISTORY			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	05.45-07.25	T TH	CL	109	ADAMS
567	ECONOMETRICS II			04.0 CR	
	PREREQ	ECON 467, 566 AND MATH 410C OR			
		ITS EQUIV			
1	09.00	T THF	WHAM	301B	BOHI
	09.00	W	WHAM	231	
571	SEM-CONTEMP MACR TH			04.0 CR	
	PREREQ	ECON 551			
1	07.35-09.15 PM	T TH	WHAM	201	CORNWALL
583	METH FOUND ECON			04.0 CR	
	PREREQ	ECON 440 AND 441 OR EQUIV			
1	05.45-07.25	M W	CL	25	HICKMAN C ADDISON
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DOCTORAL DISSERTAT		01.0 TO 48.0 CR		
1	TO BE ARRANGED				

### Educational Administration and Foundations (EDAF)

355	PHILOSOPHY OF EDUC			04.0 CR	
1	08.00	M	LS II	350	
	08.00	T TH	WHAM	210	
	08.00	W	WHAM	112	
2	10.00	MTWTH	WHAM	205	
3	11.00	MTWTH	WHAM	210	
4	12.00	MTWTH	WHAM	210	
5	01.00	MTWTH	WHAM	206	
6	02.00	MTWTH	WHAM	203	
7	03.00	MTWTH	WHAM	206	
8	05.45-07.25	M W	WHAM	205	
9	09.00	MTWTH	WHAM	205	
10	10.00	MTWTH	WHAM	206	
11	12.00	MTWTH	PARK	111	
12	05.45-07.25	T	WHAM	210	
	05.45-07.25	TH	WHAM	329	
13	09.00	TWTHF	AG	170	
14	10.00	TWTHF	WHAM	321	
431	HIST OF EDUC IN U S			04.0 CR	
1	06.30-09.00 PM	W	WHAM	206	VINOCUR SAMUEL M
500	RESEARCH METHODS			04.0 CR	
1	09.00-11.30		S WHAM	208	HALL JAMES HERRICK
2	04.00-06.30	TH	WHAM	210	BACH JACOB O
3	06.30-09.00 PM	M	WHAM	206	BACH JACOB O

501C	SEMINAR IN EOAD		04.0	CR	
	PREREQ EDAF 501B				
1	06.30-09.00 PM	M	WHAM	321	EWING
502S	SEM COM ED-SOV RUS			04.0	CR
1	06.30-09.00 PM	T	WHAM	319	COUNTS GEORGE S
507C	20TH CENTURY & EDUC			04.0	CR
1	06.30-09.00 PM	TH	WHAM	112	BRACEWELL & COUNTS
511A	INTERN PRACTICUM			04.0	CR
	PREREQ CONSENT OF THE DEPARTMENT				
	ADVISORY COMMITTEE				
1	TO BE ARRANGED				EWING PARMER LELAND
511B	INTERN PRACTICUM			04.0	CR
	PREREQ 511A				
1	TO BE ARRANGED				EWING PARMER LELAND
511C	INTERN PRACTICUM			04.0	CR
	PREREQ 511B				
1	TO BE ARRANGED				EWING PARMER LELAND
520A	LEGAL BASIS-AMER ED			04.0	CR
1	06.30-09.00 PM	TH	WHAM	317	SASSE EDWARD
524B	SCHL ADMINISTRATION			04.0	CR
	PREREQ EDAF 524A				
1	06.30-09.00 PM	W	WHAM	319	ARMISTEAD
524C	SCHL ADMINISTRATION			04.0	CR
	PREREQ EDAF 524B				
1	06.30-09.00 PM	W	WHAM	321	SASSE
534C	EDUCATIONAL DATA P			04.0	CR
1	06.30-09.00 PM	T	WHAM	329	KAISER
554	CONTRAST PHIL IN ED			04.0	CR
	PREREQ 355 OR PHIL 355 OR EQUIVALENT				
1	09.00-11.30	S	WHAM	328	LEAN ARTHUR EDWARD
556A	SCHOOL SUPERVISION			04.0	CR
1	06.30-09.00 PM	M	WHAM	319	ARMISTEAD FRED
560	CURRICULUM			04.0	CR
1	06.30-09.00 PM	T	WHAM	228	FISHBACK WOODSON W
	CROSSLISTED WITH SED 561				
575A	IND RES CURRICULUM		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				FISHBACK WOODSON
575B	IND RES SUPERVISION		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				BRACEWELL GEORGE
575C	IND RES BUILDINGS		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SASSE
575D	IND RES FINANCE		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				KAISER DALE E
575E	IND RES SCHOOL LAW		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SASSE EDWARD B
575F	IND RES COMPAR EDUC		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				LEAN ARTHUR
575G	IND RES HIST EDUC		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				VINOUCR SAMUEL
575H	IND RES PHIL EDUC		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				MCKENZIE WILLIAM
575J	IND RES ADMIN		01.0	TO 04.0	CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SASSE EDWARD
576A	READINGS ADM-SUPV		01.0	TO 04.0	CR
	PREREQ CONSENT OF DEPT CHAIRMAN AND				
	INSTRUCTOR				
1	TO BE ARRANGED				
576B	READINGS ADM-SUPV		01.0	TO 04.0	CR
	PREREQ CONSENT OF DEPT CHAIRMAN AND				
	INSTRUCTOR				
1	TO BE ARRANGED				



576C	READINGS	ADM-SUPV	01.0 TO 04.0 CR		
	PREREQ	CONSENT OF DEPT CHAIRMAN AND INSTRUCTOR			
1	TO BE ARRANGED				
589	GEN GRAD SEMINAR	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				
	CROSSLISTED WITH PHIL 589				
591	SEM-SOC & PHIL FOUN	02.0 CR			
	PREREQ	ADVANCED STANDING			
1	10.00-11.50	W	LS II	430	VINOCUR AND MOORE
	10.00-11.50	M	LS II	146	
	STUDENTS MUST ALSO ENROL FOR GUID 590				
592	DOCT SEM CULT FOUN	04.0 CR			
	PREREQ	591			
1	10.00-11.50	T TH	WHAM	3018	MCKENZIE WILLIAM
596	IND INVESTIGATION	05.0 TO 09.0 CR			
1	TO BE ARRANGED			B	
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				

### Elementary Education (ELED)

100	INTRO TO ELEM EDUC	03.0 CR			
1	08.00	M W F	WHAM	208	MCGEOCH
2	08.00	M W F	WHAM	210	LIU PATRICIA P
3	11.00	M W F	WHAM	228	WEIR ELIZABETH
4	01.00	M W F	WHAM	228	BRADFIELD LUTHER E
5	08.00	M W F	WHAM	329	MCGEOCH
101	DEVEL RDING-LRN SKL	02.0 CR			
1	08.00	M W F	WHAM	114	
2	08.00	T TH S	WHAM	114	
3	09.00	MTW	WHAM	114	
4	10.00	M W F	WHAM	114	
5	10.00	T TH S	WHAM	114	
6	11.00	T TH S	WHAM	114	
7	11.00	M W F	WHAM	114	
8	12.00	M W F	WHAM	114	
9	01.00	M W F	WHAM	114	
10	02.00	M W F	WHAM	114	
11	03.00	M W F	WHAM	114	
12	04.00	M W F	WHAM	114	
13	09.00	T TH S	WHAM	114	
	THE ABOVE SECTION RESTRICTED-DEVELOPMENT SKILLS PROG				
14	01.00-02.30	T TH	WHAM	114	
	THE ABOVE SECTION RESTRICTED-DEVELOPMENT SKILLS PROG				
15	03.00-04.30	T TH	WHAM	114	
	THE ABOVE SECTION RESTRICTED-DEVELOPMENT SKILLS PROG				
16	07.00-08.30 PM	T TH	WHAM	114	
	ABOVE SECTION RESTRICTED-DEVELOPMENT SKILLS PROG				
203	UNDRSTD EL SCH CHLD	03.0 CR			
	PREREQ	GSB 201C			
1	02.00	W F	WHAM	210	LEE J MURRAY
	THE ABOVE SECTION RESTRICTED-SEE NOTE				
2	02.00	T TH	WHAM	210	LEE J MURRAY
	THE ABOVE SECTION RESTRICTED-SEE NOTE				
3	03.00	M W	WHAM	210	LEE J MURRAY
309	KIND-PRIM SOC STUD	03.0 CR			
	PREREQ	316			
1	12.00	M WTHF	WHAM	205	ZIMNY BILLIE
2	02.00	M WTHF	WHAM	228	ZIMNY BILLIE
314	ELEM SCHOOL METHODS	04.0 CR			
	PREREQ	GUID 305			
1	09.00	MTWTH	WHAM	208	LAMB MORRIS
	THE ABOVE SECTION RESTRICTED-ELED MAJORS ONLY				

2	10.00	TWTHF	WHAM	203	SWICK KEVIN
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY-NOTE				
3	10.00	TWTHF	WHAM	208	LINDBERG DORMALEE H
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY-NOTE				
4	11.00	MTWTH	WHAM	203	LAMB MORRIS
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
5	03.00	MTWTH	WHAM	208	KNAPP CLIFFORD
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
6	06.30-09.00 PM	W	WHAM	208	KNAPP CLIFFORD
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
316	KINDER PRIMARY METH			04.0 CR	
	PREREQ GUID 305				
1	03.00	MTWTH	WHAM	203	BAKER REBECCA E
2	06.30-09.30 PM	TH	WHAM	203	DUFF ELEANOR
337	READING IN ELEM SCH			04.0 CR	
	PREREQ 314				
1	06.30-09.00 PM	W	WHAM	206	FISHCO DANIEL
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
2	09.00	MTWTH	WHAM	210	MAGGART WILLIAM
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
3	09.00	MTWTH	WHAM	203	BROD ERNEST E
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
4	01.00	MTWTH	WHAM	210	RAGSDALE TED R
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
5	06.30-09.30 PM	T	WHAM	206	MAGGART WILLIAM
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
6	06.30-09.00 PM	M	WHAM	203	BROD ERNEST
	THE ABOVE SECTION	RESTRICTED-ELED	MAJORS		
	ONLY				
350	KIND PRI STUD TCH			04.0 TO 16.0 CR	
	TO BE ARRANGED				
351	EL STUDENT TCH			04.0 TO 16.0 CR	
	TO BE ARRANGED				
	GENERAL				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	E M H				
4	TO BE ARRANGED				
	MUS				
5	TO BE ARRANGED				
	P E				
6	TO BE ARRANGED				
	P H				
7	TO BE ARRANGED				
	SP C				
8	TO BE ARRANGED				
	SP ED				
375	READINGS IN EL ED			02.0 TO 03.0 CR	
	TO BE ARRANGED				
410	KIND-PRI ARITHMETIC			04.0 CR	SLOAN FRED A JR
	PREREQ MATH 210				
1	06.30-09.00 PM	W	WHAM	328	LINDBERG DORMALEE
411	SEM - INSTRUCTION			02.0 TO 04.0 CR	
	TO BE ARRANGED				
	THE ABOVE SECTION	RESTRICTED-SEE			HEINZ CHARLES
	FOOTNOTE				
413	CHILDRENS LIT			04.0 CR	
	PREREQ GUID 305				
1	10.00	MTWTH	WHAM	210	HOSKIN BARBARA
2	11.00	MTWTH	WHAM	206	HOSKIN BARBARA

415	IMPR ARITH ELEM SCH	02.0 TO 04.0 CR				
	PREREQ MATH 210 OR CONSENT OF INSTR					
1	06.30-09.00 PM	TH	WHAM	208		BEATTIE IAN D
431	ED FOR DISADV CHILD	02.0 CR				
	PREREQ 337					
1	TO BE ARRANGED					SLOAN FRED A JR
	THE ABOVE SECTION RESTRICTED-SEE					
	FOOTNOTE					
442	ANLY&DES EL SCI CUR	04.0 CR				
	PREREQ 441 OR CONSENT OF INSTR					
1	12.00	MTWTH	PULL	304		TOMERA AUDREY
2	01.00	MTWTH	PULL	304		JAMES HELEN
3	06.30-09.00 PM	T	PULL	304		HUNGERFORD HAROLD R
4	06.30-09.00 PM	TH	PULL	304		TOMERA AUDREY
5	06.30-09.00 PM	W	PULL	304		HUNGERFORD HAROLD R
505	READING IN ELEM SCH	04.0 CR				
1	06.30-09.00 PM	T	WHAM	203		BROD ERNEST E
507	READINGS IN READING	02.0 TO 04.0 CR				
	PREREQ 505 AND CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					DUSENBERY MIRIAM C
2	TO BE ARRANGED					BROD ERNEST E
509	PRACTICUM IN READ	04.0 TO 08.0 CR				
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					HILL MARGARET
514	ORG & ADMIN RD PROG	04.0 CR				
	PREREQ 461 AND 505					
1	06.30-09.00 PM	TH	WHAM	144		FISHCO DANIEL
516	INTERN IN READING	04.0 TO 12.0 CR				
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					HILL MARGARET
519	READINGS-ELEM MATH	02.0 TO 04.0 CR				
	PREREQ 415, 515					
1	TO BE ARRANGED					BEATTIE IAN D
520	DIAG ELEM MATH DISA	04.0 CR				
	PREREQ 515 OR CONCURRENT REGISTRATION					
1	TO BE ARRANGED					BEATTIE IAN D
521C	DIAG-COR READ DISAB	04.0 CR				
	PREREQ 521B					
1	09.00-11.30	S	WHAM	144		HILL MARGARET
537	KIND-PRI READING	04.0 CR				
	PREREQ 337 OR CONSENT OF INSTRUCTOR					
1	06.30-09.00 PM	W	WHAM	203		BAKER REBECCA E
542	LANG ARTS IN EL SCH	01.0 TO 04.0 CR				
1	06.30-09.00 PM	M	WHAM	210		BULLER MELVIN
543	SOC STUD IN EL SCH	04.0 CR				
1	06.30-09.00 PM	TH	WHAM	228		SWICK KEVIN
561	ELEM SCH CURR	04.0 CR				
1	06.30-09.00 PM	T	WHAM	208		LINDBERG DORMALEE H
570	SEM--RES IN EL EDUC	04.0 CR				
1	06.30-09.00 PM	W	WHAM	210		BEATTIE IAN D
575A	IND RES CURRICULUM	02.0 TO 04.0 CR				
1	TO BE ARRANGED					SLOAN FRED A JR
2	TO BE ARRANGED					LINDBERG DORMALEE
575B	IND RES SUPERVISION	02.0 TO 04.0 CR				
1	TO BE ARRANGED					BRADFIELD LUTHER E
575C	IND RES LANG ARTS	02.0 TO 04.0 CR				
1	TO BE ARRANGED					BULLER MELVIN
575D	IND RES SCIENCE	02.0 TO 04.0 CR				
1	TO BE ARRANGED					HUNGERFORD HAROLD
575E	IND RES READING	02.0 TO 04.0 CR				
1	TO BE ARRANGED					HILL MARGARET
2	TO BE ARRANGED					BULLER MELVIN
575F	IND RES SOC STUD	02.0 TO 04.0 CR				
1	TO BE ARRANGED					SLOAN FRED A JR
2	TO BE ARRANGED					LAMB MORRIS
3	TO BE ARRANGED					SWICK KEVIN
575G	IND RES ELEM ED	02.0 TO 04.0 CR				
1	TO BE ARRANGED					SLOAN FRED A JR

575H	IND RES ARITHMETIC	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BEATTIE IAN D
575J	IND RES PROB IN K-P	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BAKER REBECCA F
575K	IND RES ELEM ADMIN	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SLOAN FRED A JR
2	TO BE ARRANGED		LAMB MORRIS
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		LEE J MURRAY
2	TO BE ARRANGED		HILL MARGARET
3	TO BE ARRANGED		BEATTIE IAN D
4	TO BE ARRANGED		SLOAN FRED A JR

ELED 314 Sections 2 or 3 -- BLOCK PROGRAM: Students should leave Monday free for participation in the schools and must take Eled 203, Section 1 or 2; ELED 411; ELED 431; and GUID 305, any section of Sections 1-10, 8:00 a.m.

ELED 203 Sections 1 or 2 -- BLOCK PROGRAM: Students should leave Monday free for participation in the schools and must take ELED 314, Section 2 or 3; ELED 411; ELED 431; and GUID 305, any section of Sections 1-10, 8:00 a.m.

## Engineering (ENGR)

100	ORIENTATION		00.0 CR
1	01.00	M W	TECH A 111
	CROSSLISTED WITH SCHOOL OF TECH		
222	DIGITAL COMP PROG		03.0 CR
	PREREQ	MATH 111B	
1	09.00	T TH	TECH A 111
	12.00	M W	TECH A 420
2	09.00	T TH	TECH A 111
	12.00	T TH	TECH A 420
3	09.00	T TH	TECH A 111
	04.00	M W	TECH D 131
4	09.00	T TH	TECH A 111
	04.00	T TH	TECH A 422
5	09.00	T TH	TECH A 111
	05.00	M W	TECH A 422
6	09.00	T TH	TECH A 111
	05.00	T TH	TECH A 422
7	09.00	T TH	TECH A 111
	03.00	M W	TECH D 131
8	09.00	T TH	TECH A 111
	02.00	M W	TECH A 422
9	09.00	T TH	TECH A 111
	08.00	M W	TECH A 322
10	09.00	T TH	TECH A 111
	10.00	T TH	TECH A 408
260B	ANALY MECHANICS		03.0 CR
	PREREQ	ENGR 260A	
1	02.00	M W F	TECH D 131
260C	ANALY MECHANICS		03.0 CR
	PREREQ	ENGR 260B	
1	06.00-07.25 PM	M W	TECH D 131
2	06.00-07.25 PM	T TH	TECH A 322
300B	THERMODYNAMICS		03.0 CR
	PREREQ	MATH 252A	
1	10.00	M W F	TECH A 208
300C	THERMODYNAMICS		03.0 CR
1	01.00	M W F	TECH A 210
302	HEAT TRANSFER		03.0 CR
1	09.00	M W F	TECH A 420
311B	PROPERTIES OF MAT		03.0 CR
	PREREQ	260C & MATH 252B	
1	04.00	T TH	TECH D 14
	06.00-09.00 PM	TH	TECH D 14

311C	PROPERTIES OF MAT		03.0 CR	
	PREREQ	260C & MATH 252B		
1	09.00	T TH	TECH D 131	
	01.00-03.50	T	TECH B 142	
2	09.00	T TH	TECH D 131	
	06.00-08.50 PM	W	TECH B 142	
313B	FLUID MECHANICS		03.0 CR	
	PREREQ	ENGR 313A		
1	03.00	M W F	TECH D 14A	
336	INTRO TO ELECTRONIC		04.0 CR	
	PREREQ	ENGR 335		
1	08.00	M W F	TECH A 122	
	01.00-03.50	M	TECH D 106	
2	08.00	M W F	TECH A 122	
	06.00-08.50 PM	W	TECH D 106	
338	ELECTROMAG FIELDS		03.0 CR	
1	11.00	M W F	TECH A 422	
406	INTRO WAVE MOTION		03.0 CR	
	PREREQ	MATH 306, ENGR 461		
1	TO BE ARRANGED			
409	ENGR HYDROLOGY		03.0 CR	
1	11.00	M W F	TECH D 14A	
412C	ENGR PRACTICE		03.0 CR	
	PREREQ	ENGR 222		
1	07.35-09.00 PM	T TH	TECH A 310	
415C	WATER QUALITY CONTR		03.0 CR	
	PREREQ	CHEM 121B & MATH 150 OR EQUIV		
1	01.00	M W F	TECH B 42	
421	INTRO SYSTEMS THEOR		03.0 CR	
1	08.00	M W F	TECH D 116	
426	COMMUNICATION THEOR		03.0 CR	
1	10.00	M W F	TECH A 408	
430	SPECIAL PROBLEMS	02.0 TO 08.0	CR	
	PREREQ	CONSENT OF INSTR		
1	TO BE ARRANGED			
436	CONTROL THEORY		03.0 CR	
	PREREQ	ENGR 439A		
1	09.00	M W F	TECH D 116	
443B	ENGINEERING DESIGN		03.0 CR	
	PREREQ	443A		
1	10.00	M W	TECH D 131	
	10.00-11.50	TH	TECH A 307	
2	10.00	M W	TECH D 131	
	10.00-11.50	T	TECH A 307	
444	DES-REINFOR CONCRET		04.0 CR	
	PREREQ	ENGR 440A, B OR CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED			
446B	ENERGY CONVERSION		03.0 CR	
	PREREQ	446A		
1	11.00	M W F	TECH A 422	
448	EXPER STRESS ANALYS		04.0 CR	
	PREREQ	ENGR 311A		
1	TO BE ARRANGED			
455	ENGINEERING GEOLOGY		03.0 CR	
	PREREQ	GEOLOG 220 OR CONSENT OF INSTR		
1	02.00	T TH	PARK 205	DAVIS
463B	INTRO INSTRUMENT		03.0 CR	
	PREREQ	ENGR 463A		
1	TO BE ARRANGED			
464	INTERMED MAT SCI		03.0 CR	
	PREREQ	ENGR 311C		
1	12.00	M W F	TECH A 210	
480C	ENGR PROCESS DESIGN		03.0 CR	
	PREREQ	480B		
1	TO BE ARRANGED			
501	RAD HEAT TRANSFER		03.0 CR	
	PREREQ	MATH 305		
1	TO BE ARRANGED			
510C	ELECTROMAG FIELDS		03.0 CR	
	PREREQ	CONSENT OF INSTR		
1	TO BE ARRANGED			



512B	CONTINUUM MECHANICS	04.0 CR
	PREREQ ENGR 512A	
1	TO BE ARRANGED	
517C	ANAL-DES OF SYSTEMS	04.0 CR
	PREREQ ENGR 517B	
1	TO BE ARRANGED	
519	BOUNDARY LAYER THEO	03.0 CR
	PREREQ ENGR 413A, B OR CONSENT OF	
	INSTR	
1	TO BE ARRANGED	
522	OPERATIONS RESEARCH	03.0 CR
	PREREQ ENGR 422	
1	01.00 M W NKRS A 458	
	01.00 F NKRS A 160	
525	SMALL PART PHENOMEN	03.0 CR
	PREREQ GRAD STANDING	
1	TO BE ARRANGED	
542	THEORY OF PLATES	03.0 CR
	PREREQ MATH 305 OR 407 OR CONSENT OF	
	INSTRUCTOR	
1	TO BE ARRANGED	
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR
1	TO BE ARRANGED	
580	SEMINAR	01.0 TO 09.0 CR
1	TO BE ARRANGED	
599	THESIS	01.0 TO 09.0 CR
1	TO BE ARRANGED	

DODD CURTIS W

### Engineering Technology (ET)

100	ORIENTATION	00.0 CR
1	04.00 T TECH A 111	
102A	GRAPHIC COMMUNICAT	03.0 CR
1	08.00-09.50 W F TECH A 209	
	10.00 T TECH A 111	
2	10.00-11.50 W F TECH A 209	
	10.00 T TECH A 111	
3	03.00-04.50 W F TECH A 209	
	10.00 T TECH A 111	
4	10.00 T TECH A 111	
	10.00-11.50 W F TECH A 219	
5	10.00 T TECH A 111	
	03.00-04.50 W F TECH A 219	
102B	GRAPHIC COMMUNICAT	03.0 CR
	PREREQ E T 102A	
1	08.00-09.50 M TH TECH A 207	
	09.00 W TECH A 111	
2	10.00-11.50 M TH TECH A 207	
	09.00 W TECH A 111	
3	01.00-02.50 M TH TECH A 207	
	09.00 W TECH A 111	
4	03.00-04.50 M TH TECH A 207	
	09.00 W TECH A 111	
102C	GRAPHIC COMMUNICAT	03.0 CR
	PREREQ E T 102B	
1	08.00-09.50 M TH TECH A 219	
	02.00 W TECH A 111	
2	10.00-11.50 M TH TECH A 219	
	02.00 W TECH A 111	
3	01.00-02.50 M TH TECH A 219	
	02.00 W TECH A 111	
4	02.00 W TECH A 111	
	03.00-04.50 M TH TECH A 219	
260B	STATICS & DYNAMICS	03.0 CR
	PREREQ E T 260A	
1	08.00 M W F TECH A 208	
260C	STATICS & DYNAMICS	03.0 CR
	PREREQ E T 260B	
1	11.00 M W F TECH A 210	
2	03.00 M W F TECH A 410	
301A	REF AIR COND	03.0 CR
	PREREQ E T 313A	
1	08.00 M W F TECH D 131	

KLOPP MARK EDWIN

GUSTIN RONALD RAY  
KLOPP MARK EDWIN  
DAVANIPOUR IRAJ  
KLOPP MARK EDWIN

303C	ELECTRONIC TECH			03.0 CR
	PREREQ	E T 303B		
1	06.00-08.50 PM	M		TECH D 108
	01.00-03.50		F	TECH D 106
2	09.00	M W		TECH D 108
	01.00-03.50		T	TECH D 106
304B	ELECTRICAL CIRCUITS			03.0 CR
	PREREQ	E T 304A		
1	10.00	M W		TECH A 111
	08.00-10.50		TH	TECH D 104
2	10.00	M W		TECH A 111
	06.00-09.00 PM	M		TECH D 104
3	10.00	M W		TECH A 111
	08.00-10.50		T	TECH D 104
304C	ELECTRICAL CIRCUITS			03.0 CR
	PREREQ	E T 304B AND MATH	225A	
1	10.00		T TH	TECH A 208
	01.00-03.50		W	TECH D 104
2	10.00		T TH	TECH A 208
	01.00-03.50		TH	TECH D 104
308C	MACHINE DESIGN			03.0 CR
	PREREQ	E T 308B		
1	09.00	M W F		TECH A 410
310C	CONST MECHANICS			03.0 CR
	PREREQ	E T 310B		
1	11.00	M W F		TECH A 319
311B	STRENGTH-MATERIALS			03.0 CR
	PREREQ	E T 260B		
1	01.00		T TH	TECH A 210
	09.00-11.50		S	TECH D 14
2	01.00		T TH	TECH A 210
	02.00-04.50		TH	TECH D 14
313B	EL HEAT POWER			04.0 CR
	PREREQ	E T 313A		
1	11.00	M WTHF		TECH A 322
318B	HYDRAULICS			03.0 CR
	PREREQ	E T 318A		
1	10.00		W	TECH A 422
	10.00	M		TECH A 220
	06.00-08.50 PM		W	TECH D 14A
2	10.00	M		TECH A 220
	10.00		W	TECH A 422
	02.00-04.50		TH	TECH D 14A
322B	POWER PLANTS			03.0 CR
	PREREQ	E T 322A		
1	01.00	M W F		TECH A 221
332C	ELECT MACHINERY			03.0 CR
	PREREQ	E T 332B		
1	01.00	M W		TECH A 122
	02.00-04.50		TH	TECH D 122
338B	ELECT INSTRUMENT			04.0 CR
	PREREQ	E T 338A		
1	10.00		TWTH	TECH A 120
	02.00-04.50		W	TECH D 122
2	10.00		TWTH	TECH A 120
	02.00-04.50	M		TECH D 122
342	TECHNOLOGY DESIGN			03.0 CR
	PREREQ	SR STANDING		
1	12.00	M W F		TECH A 320
2	02.00	M W F		TECH A 322
363A	SURVEYING			04.0 CR
	PREREQ	MATH 111B, E T 102B		
1	01.00		T TH	TECH A 111
	02.00-04.50		T TH	TECH A 319
2	01.00		T TH	TECH A 111
	01.00-03.50	M W		TECH A 319
3	01.00		T TH	TECH A 111
	08.00-10.50	M W		TECH A 319
363C	SURVEYING			04.0 CR
	PREREQ	E T 363A		
1	09.00	M W		TECH A 319
	08.00-10.50		T TH	TECH A 319

364B	HIGHWAY ENGINEERING	03.0 CR
	PREREQ SR STANDING & 314A, 363A	
1	04.00 M W F TECH A 319	
426C	PHOTOGRAMMETRY	03.0 CR
	PREREQ CONSENT OF INSTRUCTOR	
1	TO BE ARRANGED	
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR
	PREREQ CONSENT OF COORDINATOR	
1	TO BE ARRANGED	
437C	IND ELECT AND COMM	03.0 CR
	PREREQ E T 437B	
1	09.00 T TH TECH A 420	
	06.00-09.00 PM TH TECH D 106	
2	09.00 T TH TECH A 420	
	09.00-11.50 F TECH D 106	
465A	INDUSTRIAL SAFETY	04.0 CR
	PREREQ JR STANDING	
1	06.00-07.50 PM M W TECH A 422	
465B	INDUSTRIAL SAFETY	04.0 CR
	PREREQ JR STANDING	
1	10.00 MT THF TECH A 320	

### English (ENG)

105A	ENG COMP-FOREIGN ST	03.0 CR
	PREREQ EQUIVALENT TO GSD 101-LIMITED TO FOREIGN STUDENTS	
1	08.00 M W F AG 150	
	12.00 TH WHAM 201	
2	12.00 M W F WHAM 231	
	12.00 TH WHAM 201	
3	08.00 M WTHF PHY SA 458	
105B	ENG COMP-FOREIGN	03.0 CR
	PREREQ EQUIVALENT TO GSD 102-LIMITED TO FOREIGN STUDENTS	
1	12.00 M W F PULL 43A	
	04.00 TH H EC 106	
2	04.00 M W F PULL 43	
	04.00 TH H EC 208	
209	INTRO- THREE GENRES	04.0 CR
	PREREQ GSC 103	
1	09.00 MT THF 0721 102	
2	01.00 M PULL 41	
	01.00 T THF 0720 109	
3	04.00 MT THF 0720 108	
300A	GRAMMATICAL ANAL	03.0 CR
1	08.00 M W F AG 170	
2	10.00 M COMM 1018	
	10.00 W F AG 150	
3	01.00 M PULL 39	
	01.00 W F 0720 101	
300B	GRAMMATICAL ANAL	03.0 CR
	PREREQ ENG 300A	
1	11.00 W F H EC 208	
	11.00 M WHAM 329	
2	12.00 MT TH H EC 120	
3	04.00 M WTH H EC 120	
302A	ENG LIT TO 1550	04.0 CR
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG	
1	10.00 T TH PULL 43	
	10.00 M F WHAM 112	
2	11.00 M WTHF 0721 101	
302B	ENG LIT 1550-1750	04.0 CR
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG	
1	09.00 MT THF 0720 109	
2	12.00 MT THF PULL 41	
3	02.00 M WTHF 0720 116	
4	04.00 MT THF 0720 103	

302C	ENG LIT-AFTER 1750	04.0 CR		
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG			
1	11.00	MT THF	0720	114
2	12.00	MT THF	PULL	43
3	01.00	M WTHF	0720	116
309A	AMER LIT-TO 1860	04.0 CR		
1	09.00	MT THF	0720	108
2	10.00	MT THF	0720	108
3	01.00	MT THF	0720	103
4	02.00	M W	0720	105
	02.00	T TH	0720	104
309B	AMER LIT-SINCE 1860	04.0 CR		
1	09.00	MT THF	H EC	122
309C	AM LIT 1914-PRESENT	04.0 CR		
1	08.00	MT THF	0720	117
2	01.00	M WTHF	H EC	120
3	02.00	M WTHF	0875	101
390	ADVANCE COMPOSITION	03.0 CR		
	PREREQ C AVERAGE IN GSD 101, 102 AND GSC 103			
1	10.00	M W	0720	102
	10.00	TH	0720	106
2	12.00	M W F	H EC	122A
3	02.00	MT TH	H EC	122
4	06.00-07.15 PM	M W	WHAM	312
5	07.35-08.50 PM	M W	0720	116
403	HIST - ENG LANGUAGE	04.0 CR		
1	11.00	M WTHF	0720	106 RAINBOW
404C	MID ENG LIT-CHAUCER	04.0 CR		
1	02.00	MT THF	WHAM	312 GARDNER
412F	AGE OF JOHNSON	04.0 CR		
	PREREQ MAY BE TAKEN SINGLY			
1	12.00	MT THF	0720	101 KVERNES DAVID
421C	ENG POET-VICTORIAN	04.0 CR		
1	02.00	M WTHF	0720	114 HILLEGAS
421D	ENG POET-MODERN	04.0 CR		
1	01.00	M WTHF	0720	114 EPSTEIN EDMUND LLOYD
425	MODERN CONT POETRY	04.0 CR		
1	10.00	MT THF	0720	105 RAIZIS
431C	AM WRIT 1865-1915	04.0 CR		
1	01.00	M WTHF	0721	101 WEBB HOWARD W JR
443	VICTORIAN PROSE	04.0 CR		
1	11.00	MT THF	0720	105 PARTLOW
454A	ENG FICT-18C NOVEL	04.0 CR		
1	09.00	MT THF	WHAM	321 SCHONHORN MANUEL
458B	AMER FICT - CONTEMP	04.0 CR		
1	04.00	MT THF	0720	109 HOWELL JOHN
460B	BRIT DRAMA-JACOBEAN	04.0 CR		
1	09.00	MT THF	0720	104 GRIFFIN
471A	SHAKESPEARE	04.0 CR		
1	08.00	MTWTH	H EC	122 BALDWIN T W
471B	SHAKESPEARE	04.0 CR		
1	10.00	MT THF	H EC	122 BROWN
2	12.00	MT THF	WHAM	321 DONOW
473	MILTON	04.0 CR		
1	11.00	MT THF	0720	109 SCHULTZ HOWARD
485	PROB TEACH ENG /P/	04.0 CR		
1	10.00-11.50	T TH	0720	107 EVANS
2	02.00-03.50	M W	PULL	41 BOTTS RODERIC C
492A	PROFESSIONAL WRI II	04.0 CR		
	PREREQ ENGLISH 392			
1	01.00-02.50	M F	0720	108 HOPKINS
	DEPT APPROVAL REQUIRED			
493	SP PROB IN ENG	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	06.00-09.00 PM	T	LAWSON	101 APPLEBY
495A	LIT CRITICISM-HIST	04.0 CR		
1	03.00	M WTHF	H EC	122 BENZIGER JAMES G
495B	LIT CRITICISM-MOD	04.0 CR		
1	03.00	MT THF	0720	103 RUDNICK HANS-H
2	07.35-09.15 PM	T TH	0720	106 GOODIN

497A	HONORS ENGLISH	04.0 CR		
	PREREQ DEPARTMENTAL APPROVAL REQUIRED			
1	04.00 MT THF 0720	105	RUDNICK	
497B	HONORS ENGLISH	04.0 CR		
	PREREQ DEPARTMENTAL APPROVAL REQUIRED			
1	04.00 MT THF 0720	105	RUDNICK	
497C	HONORS ENGLISH	04.0 CR		
1	TO BE ARRANGED		LAWSON	
499	READINGS IN ENGLISH	02.0 TO 06.0 CR		
	PREREQ NO MORE THAN 4HRS MAY BE TAKEN IN ANY ONE QUARTER.			
1	TO BE ARRANGED		LAWSON	
508	STUDIES IN CHAUCER	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	03.00-04.50 T TH 0721	102	GARDNER	
509	STUD MID ENG LIT	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	08.00-09.50 M W WHAM	301B	RAINBOW	
	DEPT APPROVAL REQ-PIERS PLOWMAN			
511	STUD IN RENAISSANCE	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	01.00-02.50 T TH WHAM	301B	SCHULTZ HOWARD	
	DEPT APPROVAL REQ (CONT FROM WTR)			
514B	EARLY 18TH C LIT	04.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT			
1	10.00-11.50 T TH WHAM	301A	SCHONHORN	
	POPE DEPT APPROVAL REQ			
519	STUD CONT BRIT LIT	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	12.00-01.50 T TH 0721	102	BOYLE	
	CONRAD & HARDY-DEPT APPROVAL REQ			
524	STUD METAPHYS POETS	04.0 TO 12.0 CR		
1	01.00-02.50 M W 0720	109	SIMEONE	
534	STUD EAR 19C AM WR	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	03.00-04.50 M F WHAM	212	MOSS	
	DEPT APPROVAL REQ-HAWTHORN			
537	STUD 20TH C AM WR	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	10.00-11.50 M W WHAM	301A	PIPER HENRY DAN	
	DEPT APPROVAL REQ-HART CRANE W.C.WILLIAM & ROBT LOWELL			
538	PROB IN AM LIT	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	07.35-09.15 PM M W 0720	114	HOWELL	
	HEMINGWAY DEPT APPROVAL REQUIRED			
543	STUD VICT PROSE	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT			
1	08.00-09.50 T TH 0720	107	PARTLOW	
	INTELL BCKGRND & LIT OF VICT PER-CONTO FROM WNTR			
579A	STUDIES IN MOD LIT	04.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT			
1	03.00-04.50 M F WHAM	231		
	JAMES AND ELIOT			
581B	PROB TEACHING ENG	04.0 CR		
	PREREQ CONSENT OF DEPT			
1	09.00-10.50 T TH 0720	117	APPLERY	
581C	PROB TEACHING ENG	04.0 CR		
	PREREQ CONSENT OF DEPT			
1	06.00-09.30 PM M 0720	118	BOTTS	
585	TEACHING COL COMP	02.0 CR		
1	TO BE ARRANGED		HURLEY PAUL JOSEPH	
593	SP PROB IN ENG	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED		APPLEBY	
	MEDIA & COMM THEORY			
598A	IND REV ENG AM LIT	01.0 TO 03.0 CR		
1	TO BE ARRANGED		BOYLE	
598B	IND REV ENG AM LIT	01.0 TO 03.0 CR		
1	TO BE ARRANGED		BOYLE	



600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		BOYLE

### Finance (FIN)

305	PERSONAL FINANCE		04.0 CR	
1	09.00	MTWTH	AG	166
320	INTRO TO BUS FIN		04.0 CR	
	PREREQ ACCT 261, ECON 215			
1	09.00	MTWTHF	0861	101
2	11.00	MTWTHF	WHAM	302
3	01.00	MTWTHF	AG	214
4	03.00	MTWTHF	WHAM	302
5	03.00	MTWTHF	LS II	250
323	INVESTMENTS		04.0 CR	
	PREREQ 320 OR CONSENT OF INSTRUCTOR			
1	01.00	MTWTH	0861	101
324	SECURITY ANALYSIS		04.0 CR	
	PREREQ 323			
1	12.00	MTWTH	0861	101
326	MGT OF FINANCE INST		04.0 CR	
	PREREQ FIN 320-4			
1	10.00	MTWTH	LS I	16
371	BUSINESS LAW I		04.0 CR	
1	09.00	TWTHF	LAWSON	221
2	10.00	TW F	LAWSON	231
	10.00	TH	LAWSON	201
3	11.00	TWTHF	PULL	38
4	01.00	TWTHF	PARK	111
372	BUSINESS LAW II		04.0 CR	
	PREREQ 371			
1	12.00	TWTHF	LAWSON	221
373	BUSINESS LAW III		04.0 CR	
	PREREQ 371			
1	08.00	TWTHF	LAWSON	221
421	MGT OF BUS FINANCE		04.0 CR	
	PREREQ 320			
1	02.00	MTWTH	LS II	228
2	10.00	MT TH	LS II	228
	10.00	F	LS II	130

### Food & Nutrition (F & N)

100	FUNDAMENT NUTRI		03.0 CR	
1	03.00	M W F	H EC	140B KNAUF
321	F&N DEMONSTRATION		03.0 CR	
	PREREQ F&N 256			
1	10.00-12.50	T TH	H EC	101 HARPER JENNIE M
335	MEAL MANAGEMENT		04.0 CR	
	PREREQ F&N 256			
1	02.00	T TH	H EC	101 BECKER HENRIETTA E
	03.00-04.50	T TH	H EC	105 BECKER HENRIETTA E
2	02.00	T TH	H EC	101 BECKER HENRIETTA E
	03.00-04.50	M W	H EC	105 HARPER
360B	QUANT FOOD PROD		04.0 CR	
1	10.00-12.50	M W	H EC	105 BECKER
363	FOOD PUR FOR INSTIT		03.0 CR	
	PREREQ F&N 256			
1	10.00	M W F	H EC	212 KNAUF
390	DIET THEORY		03.0 CR	
	PREREQ F&N 320			
1	09.00	M W F	H EC	101 PAYNE IRENE R
	10.00	F	H EC	101
421	REC TRENDS IN FOOD		03.0 CR	
1	02.00	M W F	H EC	120 HARPER
481	READINGS		02.0 TO 04.0 CR	
	PREREQ F&N 320 & CONSENT OF CHAIRMAN AND INSTRUCTOR			
1	TO BE ARRANGED			KNAUF
515	SEMINAR		01.0 TO 06.0 CR	
	PREREQ F&N 420 OR 421			
1	01.00	T	H EC	107 PAYNE

572	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
1	TO BE ARRANGED		KONISHI FRANK
599	THESIS	01.0 TO 09.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		HARPER JENNIE M

### Foreign Languages (FL)

409C	SURVEY-VIETNAM LIT	03.0 CR	
	PREREQ EQUIV OF 2 YRS OF VIETNAMESE		
1	11.00 M TH WHLR 113		
	11.00 W 0720 114		
453	METH TEACH MOD F L	04.0 CR	
	PREREQ CONCURRENT AND/OR PRIOR ENR IN		
	FR, GER, RUSS OR SPAN		
1	03.00 MT TH WHAM 202		ANDERSON VERNON L
	03.00 F 0720 104		

### Portuguese (PORT)

135C	PORT CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN		
	GSD 135C		
1	09.00 T WHAM 202		
201C	INTERMEDIATE PORT	03.0 CR	
	PREREQ PORT 201B		
1	03.00 M W F PIERCE 130		HEVERLY CLEMENT F
	03.00 TH 0720 121		

### Chinese (CHIN)

120C	CHIN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN		
	GSD 120C		
1	10.00 T WHAM 328		TAI
201C	INTER CHINESE	05.0 CR	
	PREREQ CHIN 201B		
1	11.00 MTWTH WHAM 231		TAI
315	READINGS IN CHINESE	02.0 TO 06.0 CR	
	PREREQ CHIN 201C		
1	TO BE ARRANGED		TAI

### French (FR)

123A	FRENCH CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN		
	GSD 123A		
1	11.00 T WHLR 113		
2	04.00 W H EC 122		
123B	FRENCH CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN		
	GSD 123B		
1	09.00 TH BAILEY 130		
2	11.00 T WHLR 203		
3	01.00 TH WHLR 207		
123C	FRENCH CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN		
	GSD 123C		
1	08.00 T WHLR 203		
2	10.00 TH H EC 122A		
3	11.00 W WHLR 107		
4	12.00 T WHLR 203		
5	02.00 T WHLR 207		
161A	FR FOR GRAD STUDENT	00.0 CR	
1	03.00 MTWTH WHLR 207		
161B	FR FOR GRAD STUDENT	00.0 CR	
1	03.00 MTW H EC 104		
	03.00 TH WHLR 212		
201A	INTERMEDIATE FRENCH	03.0 CR	
	PREREQ GSD 123-9 OR GSD 123C, OR		
	2 YRS HIGH SCHOOL		
1	04.00 MT TH H EC 122		
	04.00 W 0720 121		

201B	INTERMEDIATE FRENCH	03.0 CR		
	PREREQ FR 201A OR EQUIVALENT			
1	08.00 M WTH WHLR	207		
	08.00 F 0720	121		
2	12.00 M W F WHLR	107		
	12.00 T 0720	121		
201C	INTERMEDIATE FRENCH	03.0 CR		
	PREREQ FR 201B OR EQUIVALENT			
1	08.00 M W F WARREN	129		
	08.00 TH 0720	121		
2	09.00 M WTH WHLR	214		
	09.00 F 0720	121		
3	11.00 T THF WHLR	212		
	11.00 M 0720	121		
4	12.00 M W F H EC	104		
	12.00 TH 0720	121		
5	01.00 MT TH WHLR	113		
	01.00 F 0720	121		
6	02.00 M W F WHLR	212		
	02.00 TH 0720	121		
220C	INTER FR CONVERSAT	02.0 CR		
	PREREQ FR 201C OR CONCURRENT REGISTRATION IN 201			
1	09.00 F WHAM	312		
	09.00 W 0721	102		
2	11.00 W AG	220		
	11.00 F AG	216		
3	12.00 T TH H EC	104		
4	02.00 T TH WHLR	203		
350A	ADVANCED COMP-CONV	04.0 CR		
	PREREQ FR 201C			
1	10.00 MTWTH LS II	285D		
350B	ADVANCED COMP-CONV	04.0 CR		
	PREREQ FR 350A			
1	10.00 M W WHLR	214		
	10.00 T TH WHLR	203		
354	INTRO LIT ANALYSIS	04.0 CR		
	PREREQ FR 350			
1	10.00 MT THF WHLR	207	OMEARA MAURICE A	
397B	SURVEY FR LIT	03.0 CR		
	PREREQ FR 350 OR CONSENT OF INSTR			
1	09.00 M W F LS II	430		
397C	SURVEY FR LIT	03.0 CR		
	PREREQ FR 350 OR CONSENT OF INSTR			
1	01.00 MT GYM	203		
	01.00 TH GYM	204		
402B	CONTEM FR NOV & THE	03.0 CR		
	PREREQ 354 AND ONE QUARTER OF 397			
1	09.00 M W F WHLR	207		
403C	18TH CENT FR LIT	03.0 CR		
1	11.00 TH GYM	203	GOBERT	
	11.00 M W H EC	120		
419	FRENCH POETRY	03.0 CR		
	PREREQ 354 AND ONE QUARTER OF 397			
1	12.00 M WTH AG	148	KILKER	
501	SEM SELC FR AUTHOR	02.0 TO 06.0 CR		
1	10.00 M WTH 0875	102		
515A	OLD FRENCH	03.0 CR		
	PREREQ FR 410 OR EQUIVALENT			
1	01.00 F H EC	104	DAVIS J CARY	
	01.00 M W H EC	122		
520	GRAD COMPOSITION	04.0 CR		
1	02.00 M W WHLR	207	SMITH	
	02.00 T TH LS II	146		
543	RESEARCH PROBLEMS	02.0 TO 06.0 CR		
1	TO BE ARRANGED		KILKER JAMES A	
599	THESIS	02.0 TO 09.0 CR		
1	TO BE ARRANGED		KILKER JAMES A	

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

<b>German (GER)</b>									
126A	GERMAN CONVERSATION	01.0	CR						
	PREREQ CONCURRENT ENRLMT IN GSD 126								
1	03.00 T	WHLR	113						
126B	GERMAN CONVERSATION	01.0	CR						
	PREREQ CONCURRENT ENRLMT IN GSD 126								
1	09.00 T	WHLR	107						
2	01.00 T	WHLR	107						
3	02.00 TH	PARK	309						
126C	GERMAN CONVERSATION	01.0	CR						
	PREREQ CONCURRENT ENRLMT IN GSD 126								
1	08.00 TH	WHLR	212						
2	09.00 TH	PARK	301						
3	11.00 T	WHLR	107						
4	02.00 T	PARK	309						
5	12.00 T	WHLR	107						
6	01.00 TH	NKRS A	458						
7	03.00 T	WHLR	203						
8	06.00 PM T	WHLR	203						
161A	GER FOR GRAD STUD	00.0	CR						
1	12.00 MTW F	WHAM	228						
161B	GER FOR GRAD STUD	00.0	CR						
1	12.00 MTW F	WHAM	206						
201B	INTERMEDIATE GERMAN	03.0	CR						
	PREREQ GER 201A OR EQUIVALENT								
1	09.00 T F	WHLR	214						
	09.00 M	0720	121						
	09.00 TH	AG	188						
201C	INTERMEDIATE GERMAN	03.0	CR						
	PREREQ GER 201B								
1	09.00 MT TH	WHAM	329						
	09.00 W	0720	121						
2	11.00 M W F	AG	170						
	11.00 TH	0720	121						
3	01.00 M W F	PARK	309						
	01.00 TH	0720	121						
220C	INTER GER CONVERSAT	02.0	CR						
	PREREQ GER 201C OR CONCURRENT REGISTRATION IN 201								
1	09.00 T TH	H EC	203						
2	11.00 T	H EC	120						
	11.00 TH	H EC	122						
3	01.00 T TH	WHAM	231						
303	NOVELLE 19TH CENT	04.0	CR						
1	09.00 MT F	0720	106						
	09.00 TH	0720	105						
304C	ADV COMP & CONVERS	04.0	CR						
	PREREQ GER 201C								
1	10.00 MT THF	GYM	204	ANDERSON					
312	GER DRAMA 19TH CENT	04.0	CR						
1	11.00 MT THF	WHLR	207	GADWAY JOHN F					
315	RATIONAL TO REALISM	04.0	CR						
1	01.00 MTWTH	WHLR	212	HOEGEL					
403	BALLADS & LYRICS	03.0	CR						
1	11.00 M W F	GYM	204	LIEDLOFF					
413A	GERMAN LINGUISTICS	03.0	CR						
1	TO BE ARRANGED			FRENCH					
499	READGS IN 20TH CT	01.0	TO 02.0	CR					
1	02.00 T TH	WHLR	212	ANDERSON VERNON L					
500	SEMINAR CONTEMP LIT	02.0	CR						
1	02.00 M W	LS II	130	FRENCH					
509B	OLD HIGH GERMAN	02.0	CR						
1	02.00 T TH	0720	108	FELTY					
536C	TEACH COLLEGE GER	01.0	CR						
1	10.00 T	0721	102	PFISTER					
543	RESEARCH PROBLEMS	02.0	TO 06.0	CR					
1	TO BE ARRANGED			HARTWIG HELLMUT A					
599	THESIS	02.0	TO 09.0	CR					
1	TO BE ARRANGED			HARTWIG HELLMUT A					

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Greek (GRK)							
201C	INTERMED CLASS GRK				04.0 CR		
	PREREQ GRK 201B						
1	TO BE ARRANGED						O'BRIEN JOAN V
Italian (ITAL)							
144C	ITALIAN CONVERSAT				01.0 CR		
	PREREQ CONCURRENT ENROLLMENT IN						
	GSD 144C						
1	09.00		T		AG	188	INTEGLIA ANTHONY W
2	06.00		PM	TH	WHLR	203	
3	01.00			W	WHAM	201	
201C	INTERMEDIATE ITAL					03.0 CR	
	PREREQ ITAL 201B						
1	02.00		T	F	WHLR	107	INTEGLIA ANTHONY W
	02.00		M		PULL	43	
	02.00			W	0720	121	
Latin (LATN)							
201C	INTERMEDIATE LATIN					04.0 CR	
	PREREQ LATN 201B						
1	11.00		MT THF		H EC	122A	SPECK
301	CICERO-ESSAYS & LET					04.0 CR	
	PREREQ LATN 201C OR EQUIVALENT						
1	09.00		MTWTH		WHLR	203	SPECK
315	READ-LATN AUTHORS				02.0 TO 08.0 CR		
	PREREQ BY SPECIAL PERMISSION ONLY						
1	10.00		M W		H EC	122A	SPECK
Russian (RUSS)							
136B	RUSS CONVERSATION					01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN						
	GSD 136B						
1	01.00		TH		WHAM	321	MARTIN J L JR
136C	RUSS CONVERSATION					01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN						
	GSD 136C						
1	10.00		TH		H EC	106	
2	02.00		TH		H EC	102	
3	06.00		PM M		WHAM	301A	
201B	INTERMED RUSSIAN					03.0 CR	
	PREREQ RUSS 201A						
1	08.00		M W F		PHY SA	258	
	LAB TBA						
201C	INTERMED RUSSIAN					03.0 CR	
	PREREQ RUSS 201B						
1	09.00		M W F		WHLR	113	
	09.00		TH		0720	121	
2	04.00		M W F		H EC	104	
	04.00		TH		0720	121	
220C	INTER RUSS CONVER					02.0 CR	
	PREREQ RUSS 201 OR CONCURRENT						
	REGISTRATION						
1	01.00		T TH		AG	170	ORECHWA OLGA
308C	SURV RUSS LIT					03.0 CR	
	PREREQ RUSS 308B						
1	10.00		M	F	WHAM	231	KUPCEK JOSEPH R
	10.00			W	WHLR	207	KUPCEK JOSEPH R
330C	ADV COMP AND CONV					02.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN RUSS						
	308C						
1	10.00		T TH		WHAM	231	KUPCEK JOSEPH R
413	RUSS DRAMA-19TH CEN					04.0 CR	
	PREREQ RUSS 308C OR DEPT APPROVAL						
1	02.00		MTW F		GYM	204	SHANKOVSKY IGOR P
503	SEM-19 CEN RUSS LIT					02.0 CR	
	TO BE ARRANGED						
543	RESEARCH PROBLEMS				02.0 TO 06.0 CR		
1	TO BE ARRANGED						KUPCEK JOSEPH R



599 THESIS 02.0 TO 09.0 CR

1 TO BE ARRANGED

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

Spanish (SPAN)

140A	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT ENRLMT IN GSD 140	
1	09.00 TH H EC	122A
2	02.00 TH AG	170
3	01.00 T WHAM	301A
4	11.00 T COMM	1021
140B	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT ENRLMT IN GSD 140	
1	09.00 T H EC	122A
2	01.00 T H EC	122A
3	02.00 W COMM	1006
4	10.00 TH H EC	120
5	11.00 TH CL	25
140C	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT ENRLMT IN GSD 140	
1	09.00 T H EC	201
2	11.00 TH WHLR	203
3	12.00 TH WHLR	107
4	01.00 W WHLR	203
5	02.00 T H EC	122A
6	03.00 TH H EC	120
7	10.00 TH AG	150
8	12.00 T WHLR	113
161A	SPAN FOR GRAD STUD	00.0 CR
1	01.00 MT TH WHLR	203
	01.00 W WHLR	113
161B	SPAN FOR GRAD STUD	00.0 CR
1	01.00 M W AG	224
	01.00 T TH AG	220
201B	INTERMED SPANISH	03.0 CR
	PREREQ SPAN 201A	
1	09.00 W F COMM	104
	09.00 M H EC	122A
	09.00 TH	0720
2	03.00 M W F WHLR	203
	03.00 T	0720
3	11.00 M	0720
	11.00 T	0720
	11.00 TH	0721
	11.00 F H EC	102
201C	INTERMED SPANISH	03.0 CR
	PREREQ SPAN 201B	
1	08.00 M W F H EC	203
	08.00 T	0720
2	10.00 M AG	154
	10.00 WTH AG	170
	10.00 T	0720
3	11.00 M TH WHAM	212
	11.00 T H EC	201
	11.00 W	0720
4	12.00 M THF WHAM	212
	12.00 W	0720
5	01.00 M W F WHLR	214
	01.00 T	0720
6	02.00 M W F H EC	104
	02.00 T	0720
7	10.00 M	0720
	10.00 T TH TECH A	220
	10.00 F TECH A	222
220C	INTER SPAN CONVER	02.0 CR
	PREREQ GSD 140 OR 2 YRS H.S. SPAN OR EQUIV	
1	09.00 W F H EC	122A
2	12.00 T TH H EC	122A

3	01.00	M W	AG	218	
4	02.00	M W	H EC	122A	
310C	SURVEY SPANISH LIT		03.0	CR	
1	10.00	M W	H EC	104	CARLSON
	10.00		H EC	122A	
2	02.00	M W F	PARK	301	CARLSON KEITH J
320A	ADV COMP AND CONV		02.0	CR	
1	12.00	M W	WHLR	203	
320B	ADV COMP AND CONV		02.0	CR	
1	02.00	T TH	LS II	130	
320C	ADV COMP AND CONV		02.0	CR	
1	09.00	T TH	WHAM	231	
2	10.00	T TH	PHY SA	258	
3	02.00	T TH	WHAM	231	
4	01.00	T TH	PARK	309	
333C	SURV SPAN AMER LIT		03.0	CR	
1	10.00	M W F	AG	116	MEINHARDT WARREN L
2	01.00	M W	TECH A	120	MEINHARDT WARREN L
	01.00		NKRS A	278	
401	SP NOVEL 19TH CENT		03.0	CR	
1	08.00	M	WHAM	312	ARTILES JENARO J
	08.00	T TH	H EC	120	
425	HIST SPAN LANG		04.0	CR	
1	11.00	M W F	WHLR	203	
445	CERVANTES		04.0	CR	
1	09.00	MT TH	H EC	104	ARTILES
	09.00	W	H EC	122	
475	GEN TOPICS IN SPAN		03.0	TO 12.0	CR
1	01.00	M W F	0720	104	WOODBIDGE
490	READINGS IN SPAN		01.0	TO 06.0	CR
	PREREQ PERMISSION OF DEPT				
1	TO BE ARRANGED				
500	SEMINAR LAT AM FICT		02.0	TO 06.0	CR
1	01.00	T TH	PHY SC	410	WOODBIDGE
501	SEMINAR SP AUTHOR		02.0	TO 06.0	CR
1	11.00	T TH	PARK	301	ANDERSON VERNON L
543	RESEARCH PROBLEMS		02.0	TO 06.0	CR
1	TO BE ARRANGED				DAVIS J CARY
560	SPAN LAT AM BIBLIOG		02.0	TO 04.0	CR
1	10.00	M WTHF	PARK	301	WOODBIDGE HENSLEY
575	ADV TOPICS IN SPAN		03.0	TO 12.0	CR
1	02.00	M W F	WHLR	203	CANFIELD
599	THESIS		02.0	TO 09.0	CR
1	TO BE ARRANGED				DAVIS J CARY

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

### Family Economics and Management

(FE & M)

300	HOME EC FOR MEN		03.0	CR	
1	11.00	M W	H EC	140B	HEISLER ARLENE
	11.00		F	5	
2	11.00	M W	H EC	140B	HEISLER ARLENE
	11.00	TH	H EC	120	
3	11.00	M W	H EC	140B	HEISLER ARLENE
	11.00	T	H EC	5	
4	11.00	M W	H EC	140B	HEISLER ARLENE
	12.00	TH	H EC	5	
5	11.00	M W	H EC	140B	HEISLER ARLENE
	12.00	T	H EC	5	
6	06.00-07.25 PM	T TH	H EC	118	STEPHENS
7	01.00	M WTH	H EC	5	MALONE
301	H ARTS & SOC USAGE		03.0	CR	
1	02.00	MT TH	H EC	5	MCDANIEL
2	12.00	M W F	H EC	5	ECKER
3	07.30-09.00 PM	M W	H EC	401	FCKER
302	BASIC FAMILY LIVING		04.0	CR	
1	12.00	MT THF	H EC	106	CRAIG
323	HOUSING		02.0	CR	
1	08.00	T	H EC	203	STEPHENS
	08.00-09.50	W	H EC	5	

2	08.00	T	H EC	203	STEPHENS
	08.00-09.50	TH	H EC	5	
3	08.00	T	H EC	203	STEPHENS
	08.00-09.50	S	H EC	5	
324	EQUIPMENT			03.0 CR	
1	10.00	M W	H EC	5	ECKER
	09.00-10.50	F	H EC	5	
2	10.00	M W	H EC	5	ECKER
	10.00-11.50	TH	H EC	5	
3	03.00	T TH	H EC	5	MALONE
	03.00-04.50	F	H EC	5	
4	03.00	T TH	H EC	5	MALONE
	03.00-04.50	W	H EC	5	
332	HOME MGT PRACTICUM			04.0 CR	
1	09.00-10.50	T TH	H EC	401	MALONE
2	12.00-01.50	M W	H EC	401	HEISLER
341	CONSUMER PROBLEMS			04.0 CR	
1	01.00	MTWTH	H EC	203	TROELSTRUP
2	12.00	MTWTH	H EC	140B	TROELSTRUP
423	ADV FAMILY HOUSING			04.0 CR	
	PREREQ 323 OR CONSENT OF INSTR				
1	06.30-09.00 PM	W	H EC	400	CRAIG
424	SEL USE & CARE APPL			04.0 CR	
	PREREQ 324 OR CONSENT OF INSTR				
1	06.30-09.00 PM	M	H EC	5	JOHNSTON BETTY JANE
471	FIELD EXPERIENCE			02.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				JOHNSTON
481	READINGS			02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN				
1	TO BE ARRANGED				JOHNSTON,CRAIG,TROEL
572	SPECIAL PROBLEMS			02.0 TO 05.0 CR	
1	TO BE ARRANGED				JOHNSTON,CRAIG,TROEL
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				JOHNSTON,CRAIG

# Forestry (FOR)

230	LUMBER GRADING			02.0 CR	
1	11.00	T	L4	106	OSBORN HAROLD WILBUR
	11.00-12.50	TH	L4	106	OSBORN HAROLD WILBUR
306	SILV FIELD STUDIES			03.0 CR	
	PREREQ GSA 340				
1	TO BE ARRANGED				BUDELSKY CARL A
340	FOREST PROTECTION			04.0 CR	
1	TO BE ARRANGED				ROTH PAUL L
350B	FUR & OUTDOOR REC			03.0 CR	
1	TO BE ARRANGED				MCCURDY DWIGHT R
363B	FOREST MENSURATION			03.0 CR	
	PREREQ 363A				
1	TO BE ARRANGED				KUNG
365B	SILVICULTURE-FIELD			03.0 CR	
	PREREQ FOR 365A				
1	TO BE ARRANGED				BUDELSKY CARL A
381	AGRI SEMINAR			01.0 TO 02.0 CR	
	PREREQ LIMITED TO SENIOR STANDING				
1	04.00	T	AG	155	
390	SPEC PROB IN FOREST			01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
433	FOR PRODUCTS INDUST			04.0 CR	
	PREREQ FOR 320 OR CONSENT OF INSTR				
1	11.00	M W F	AG	214	MOSLEMI ALI A
	01.00-04.50	F	AG	166	MOSLEMI ALI A
451B	FOR PARK PLAN DEVEL			04.0 CR	
1	03.00	M W	NKRS C	116	MISCHON RAYMOND M
	01.00-04.50	TH	AG	195	
2	03.00	M W	NKRS C	116	MISCHON RAYMOND M
	01.00-04.50	F	AG	195	
465	FOR FIELD STUDIES			02.0 CR	
	PREREQ FOR 330, 363A, 365A				
1	TO BE ARRANGED				ANDRESEN JOHN W

471	LAND RESOURCE ECON				04.0 CR	
	PREREQ FOR 470A OR ECON 440 OR					
	AG I 350					
1	08.00	MTW F	AG	225	FERELL	
483	URBAN FOREST MGT			04.0 CR		
	PREREQ FOR 221					
1	09.00	TWTH	AG	195	FRALISH	
	01.00-03.50	T	AG	195		
490	PRACTICUM			04.0 TO 16.0 CR		
	PREREQ CONSENT OF DEPARTMENT					
1	TO BE ARRANGED				ANDRESEN JOHN W	
520A	READ FOR & FOR REC			01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					
520B	READINGS RES ECON			01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTR PLUS FOR 475					
	OR EQUIV					
1	TO BE ARRANGED					
520C	READ FOR PRO WD SCI			01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED				MOSLEMI ALI A	
570	PRIN OF RESEARCH			04.0 CR		
	PREREQ 4 HRS STATISTICAL METHODS OR					
	CONSENT OF INSTR					
1	TO BE ARRANGED				FERELL	
575	RESEARCH			01.0 TO 06.0 CR		
1	TO BE ARRANGED					
581	ADVANCED FOR SEMIN			01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					
599	THESIS			01.0 TO 09.0 CR		
1	TO BE ARRANGED					
<b>Geography (GEOG)</b>						
300	INTRO TO GEOG			04.0 CR		
1	02.00-03.50	M W	PULL	34	SCHMUDDE	
302	PHYSICAL GEOGRAPHY			04.0 CR		
	PREREQ GEOG 300					
1	01.00	MTWTH	AG	152	SHARPE	
304	ECONOMIC GEOGRAPHY			04.0 CR		
	PREREQ GEOG 300					
1	08.00	MTWTH	AG	152	MCCAULEY	
306	CULTURAL GEOGRAPHY			04.0 CR		
	PREREQ GEOG 300					
1	09.00	MTWTH	AG	152	LOBB GARY	
310A	CARTOGRAPH METHODS			04.0 CR		
	PREREQ GEOG 300					
1	03.00-04.50	T TH	0431	101	IRWIN DANIEL RICH	
406B	ADV CULT GEOG I			03.0 CR		
1	10.00	M WTH	AG	152	HILLIARD	
410B	ADV GEOG TECHNIQUES			04.0 CR		
	PREREQ GEOG 310 OR CONSENT OF DEPT					
1	09.00-10.50	T TH	0431	101		
432C	MOMENTUM EXCHANGES			04.0 CR		
	PREREQ GEOG 400 OR 302					
1	02.00-03.50	T TH	LS II	285D	JONES	
440	READINGS-MAJORS			02.0 TO 06.0 CR		
	PREREQ MAJORS ONLY					
1	TO BE ARRANGED				D THOMAS FRANK HENR	
467B	REG GEOG-LATIN AMER			03.0 CR		
1	11.00	M WTH	0483	101	LOBB	
470A	URBAN PLANNING			04.0 CR		
	PREREQ CONSENT OF DEPT					
1	02.00-03.50	T TH	TECH A	310	THOMAS	
471A	REGIONAL PLANNING			04.0 CR		
	PREREQ GEOG MAJORS ONLY					
1	09.00-11.50	S	0483	101	MORENO	
487A	HONORS TUTORIAL			02.0 CR		
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED				THOMAS FRANK HENR	

487B	HONORS READING	04.0 CR	
1	PREREQ CONSENT OF DEPT TO BE ARRANGED		THOMAS FRANK HENRY
487C	HONORS SUPERV RES	04.0 CR	
1	TO BE ARRANGED		THOMAS
490A	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
1	PREREQ GEOG MAJOR AND SENIOR STANDING 10.00-11.50 T 0483 101		
490B	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
1	PREREQ GEOG MAJOR AND SENIOR STANDING 01.00-02.50 F 0483 101		
490C	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
1	PREREQ GEOG MAJOR AND SENIOR STANDING 10.00-11.50 T 0483 101		
514	TEACH COLL GEOG	02.0 CR	
1	PREREQ GRAD STANDING TO BE ARRANGED		
520	SEMINAR PHYS GEOG	02.0 TO 12.0 CR	
1	06.00-08.35 PM M 0483 101		SCHMUDDE
524	SEM CULTURAL GEOG	02.0 TO 12.0 CR	
1	PREREQ CONSENT OF DEPT 06.00-08.35 PM W 0483 101		LOBB GARY
530	INDEP STUDY GEOG	02.0 TO 10.0 CR	
1	TO BE ARRANGED		THOMAS FRANK HENRY
540A	RESEARCH PHYS GEOG	02.0 TO 36.0 CR	
1	PREREQ GEOG 520 TO BE ARRANGED		SHARPE
540B	RESEARCH-ECON GEOG	02.0 TO 36.0 CR	
1	PREREQ GEOG 521 TO BE ARRANGED		THOMAS FRANK HENRY
540C	RESEARCH REG GEOG	02.0 TO 36.0 CR	
1	PREREQ GEOG 522 TO BE ARRANGED		PENNINGTON CAMPBELL
540D	RESEARCH CULT GEOG	02.0 TO 36.0 CR	
1	PREREQ GEOG 524 TO BE ARRANGED		HILLIARD
599	THESIS	03.0 TO 09.0 CR	
1	PREREQ CONSENT OF DEPT TO BE ARRANGED		THOMAS FRANK HENRY
600	DISSERTATION	01.0 TO 48.0 CR	
1	PREREQ CONSENT OF DEPT TO BE ARRANGED		THOMAS FRANK HENRY

## Geology (GEOL)

220	PHYSICAL GEOLOGY	03.0 CR	
1	PREREQ HIGH SCHOOL OR COLLEGE CHEM 11.00 M F PARK 111 09.00-11.50 W PARK 205		DAVIS RICHARD W
2	11.00 M F PARK 111 01.00-03.50 W PARK 205		DAVIS RICHARD W
315	PETROLOGY	04.0 CR	
1	PREREQ GEOL 310 09.00 MT TH PARK 111 01.00-02.50 F PARK 103		SAWATZKY DON L SAWATZKY DON L
320	ECONOMIC GEOLOGY	04.0 CR	
1	PREREQ GEOL 302 AND 310B 11.00 M W F PARK 103 03.00-04.50 T PARK 103		HOOD W
331	GEOMORPHOLOGY	04.0 CR	
1	PREREQ GEOL 220 10.00 T F PARK 205 10.00-11.50 M TH PARK 205		HARRIS STANLEY E JR HARRIS STANLEY E JR
410	STRATIGRAPHY&SED	04.0 CR	
1	PREREQ GEOL 220,221,310A,315,425A&B OR CONSENT OF INSTR 08.00 M W F PARK 205 01.00-03.50 M PARK 205		ETHRIDGE ETHRIDGE
411	MINERALOGY III	03.0 CR	
1	PREREQ GEOL 310 A&B TO BE ARRANGED		FANG J H



414	PALEOBOTANY			05.0 CR	
1	01.00-02.50	M	LS II	480	MATTEN
	01.00-03.50	W F	LS II	440	
416	X-RAY CRYSTALLOG			04.0 CR	
	PREREQ	GEOL 310, MATH 150			
1	04.00-05.50	M WTH	COMM	6	FANG JEN-HO
440	INDEPENDENT STUDY		01.0 TO 04.0 CR		
1	PREREQ	GEOL 220, 221, ADVANCED STANDING			
	TO BE ARRANGED				
455	ENGINEERING GEOLOGY			03.0 CR	
	PREREQ	GSA 110A, B OR GEOL 220			
1	02.00	T TH	PARK	205	DAVIS RICHARD W
470C	EARTH SCI FOR TEACH			03.0 CR	
	PREREQ	TEACHING EXPERIENCE			
1	06.00-08.30 PM	M	PARK	206	
520C	ADV PETROL-SEDIMEN			04.0 CR	
1	09.00	M W F	PARK	205	ETHRIDGE
	01.00-03.50	F	PARK	205	
529B	ADV INVERT PALEON			04.0 CR	
	PREREQ	GEOL 425 OR CONSENT			
1	TO BE ARRANGED				FRAUNFELTER
540	ADVANCED STUDIES			03.0 CR	
	PREREQ	CONSENT			
1	01.00	M W F	PARK	103	HOOD WILLIAM C
	TOPIC - GEOCHEMISTRY				
541	RESEARCH			01.0 TO 09.0 CR	
	PREREQ	CONSENT			
1	TO BE ARRANGED				
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				

# **Government (GOVT)**

200	INTR TO POL SCIENCE			04.0 CR	
1	01.00	MTW	0861	102	WASBY
	01.00	TH	0871	101	
231	AMERICAN NATL GOVT			04.0 CR	
1	09.00	MT THF	0861	102	
2	01.00	MT THF	WHAM	202	
3	03.00	MTWTH	0875	101	GOODSELL
232	STATE LOCAL GOVT			04.0 CR	
	PREREQ	231 OR GSB 211B			
1	08.00	MT THF	PARK	308	KENNEY
2	11.00	MTW F	AG	166	BAKER
3	01.00	MT THF	WHAM	308	RIDGEWAY MARIAN E
4	04.00	MTWTH	WHAM	228	WHISTLER
305	DEV AM CONSTITUTION			04.0 CR	
	PREREQ	GSB 211B OR GOVT 231			
1	08.00	MT THF	WHAM	308	TURNER MAX WESLEY
315	ADMIN OF JUSTICE			03.0 CR	
	PREREQ	GOVT 232 OR GSB 211B			
1	11.00	W	PARK	111	ALEXANDER
	11.00	T TH	AG	214	
321	READINGS			01.0 TO 06.0 CR	
	PREREQ	APPROVAL OF GOVT DEPT UNDER-GRAD ADVISOR			
1	TO BE ARRANGED				SAPPENFIELD
2	TO BE ARRANGED				SAPPENFIELD
330	ILL GOVERNMENT			02.0 CR	
	PREREQ	231 OR GSB 211B OR JR STANDING			
1	11.00	T TH	LAWSON	201	KENNEY
2	03.00	T TH	LS I	205	BIANCHI RIND
340	THE LEGIS PROCESS			03.0 CR	
	PREREQ	231 OR GSB 211B			
1	09.00	M W F	LS I	205	VANDERSLIK
360	PUBLIC ADMIN			04.0 CR	
	PREREQ	GSB 211B OR GOVT 231			
1	11.00	MT THF	0875	102	TURNER
2	01.00	MTWTH	LAWSON	121	GOODSELL

380	POLITICAL PARTIES		04.0 CR		
	PREREQ	231 OR GSB 211B			
1	10.00	MT THF	LAWSON	221	LONG
2	03.00	MT THF	LAWSON	101	JACKSON JOHN S III
381	PUB OPIN & ELEC BEH		04.0 CR		
1	02.00	MT THF	LAWSON	131	JACKSON
398	GOVERNMENT AND LAW		04.0 CR		
	PREREQ	231 OR GSB 211B			
1	11.00	MTWTH	H EC	206	DREHER
403	INTRO-TH INTNTL REL		04.0 CR		
	PREREQ	GSB 303 OR GRAD STANDING			
1	11.00-12.50	T TH	WHLR	214	LEVINE
406	AMER CHIEF EXEC		04.0 CR		
	PREREQ	GSB 211B OR 231 OR 03A%EC	GSB 2		
1	11.00	MT THF	WHAM	328	NELSON RANDALL H
420	PRESSURE GROUPS POL		03.0 CR		
	PREREQ	231 OR GSB 211B			
1	09.00	TWTH	AG	154	ALEXANDER
450C	LATIN-AMERICAN GOVT		04.0 CR		
	PREREQ	GSB 392 RECOMMENDED			
1	02.00	MTWTH	WHAM	321	GARNER WILLIAM R
451	INTERN POL OF EUR		04.0 CR		
1	07.35-09.15 PM	M W	WHAM	326	LANDECKER MANFRED
453C	GOVT POL-SOV UNION		04.0 CR		
1	09.00	MT THF	PHY SA	258	STAUBER LELAND
456	GR BRIT & COMMONWEA		04.0 CR		
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	01.00	MTWTH	H EC	118	HARDENBERGH WILLIAM
458B	GOVT & POL OF ASIA		04.0 CR		
1	12.00	M THF	WHLR	113	CHOU
	12.00	T	WHLR	202	
459	POL-DEVELOPING AREA		04.0 CR		
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	02.00	TW F	0871	101	DALE RICHARD
	02.00	TH	LS II	250	
462	INTERGOVT RELATIONS		03.0 CR		
	PREREQ	231 OR GSB 211B			
1	09.00	M W F	LS II	250	BAKER JOHN H
469	ADM ST & LOC FIN		03.0 CR		
	PREREQ	GOVT 232			
1	03.00	MT TH	H EC	118	SAPPENFIELD
484B	HIST POL THEORY-MOD		04.0 CR		
1	02.00	MTW F	0862	101	MORTON WARD M
487B	AMERICAN POL IDEAS		03.0 CR		
1	03.00	MT TH	WHAM	204	RIDGEWAY MARIAN E
488C	REC POLIT THEORY		03.0 CR		
1	09.00-11.30	S	CL	326	MORTON WARD M
490	HONORS RESEARCH	02.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED				SAPPENFIELD
497	ADMINISTRATIVE LAW		04.0 CR		
	PREREQ	GOVT 360			
1	01.00	MTW	H EC	201	ISAKOFF
	01.00	TH	WHLR	214	
498	JURIS-THEO OF LAW		04.0 CR		
1	03.00	MTWTH	WHAM	228	ABBASS ABDUL MAJID
500C	METH EMPIRICAL RES		03.0 CR		
	PREREQ	GOVT 500A&B			
1	06.30-09.30 PM	W	CL	326	MILLER
502	SEMINAR GOVT PROB		04.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			
1	01.00-02.50	T	AG	148	HANSON
	01.00-02.50	TH	AG	168	
	TOPIC-NATIONAL DEFENSE POLICY				
2	03.00-04.50	M	PARK	309	
	03.00-04.50	W	PARK	301	
	TOPIC-SCIENCE TECH & FOR AFFAIRS				
508	SEM-INTERNAL REL		04.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			

1	10.00-11.50	T TH	AG	218	KLINGBERG
2	07.00-10.00 PM	M	LS II	430	MORRIS
509	SEM INTERNAL ORG			04.0 CR	
	PREREQ GOVT 472	OR	CONSENT OF INSTR		
1	10.00-11.50	M W	CL	326	ABBASS ABDUL MAJID
510	SEM IN STATE GOVT			04.0 CR	
	PREREQ GOVT 466	OR	CONSENT OF INSTR		
1	03.00-04.50	T TH	CL	25	ISAKOFF JACK FEIN
515	SEM-COMPARATIVE GOV			04.0 CR	
1	01.00-02.50	W F	CL	326	KAMARASY
521	READINGS			01.0 TO 12.0 CR	
	PREREQ		CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED				HANSON
2	TO BE ARRANGED				HANSON
525	SEM INTERNATIONAL LAW			04.0 CR	
	PREREQ 475A	OR	CONSENT OF INSTR		
1	09.00	MTWTH	CL	326	JACOBINI H B
530	INTERNSP PUB AFF			04.0 TO 12.0 CR	
	PREREQ		CONSENT OF DEPARTMENT		
1	TO BE ARRANGED				SAPPENFIELD M M
531	SEM-EMPIRICAL TH			04.0 CR	
	PREREQ GOVT 500A,B	OR	CONSENT OF INST		
	R				
1	07.00-10.00 PM	T	CL	24	PAINE
584	SEM-CORRECT PRG MGT			04.0 CR	
	PREREQ		CONSENT OF INSTRUCTOR		
1	07.00-10.00 PM	TH	0685	101	ALEXANDER
595	INDIVIDUAL RESEARCH			02.0 TO 12.0 CR	
	PREREQ		CONSENT OF INSTR		
1	TO BE ARRANGED				HANSON EARL T
599	THESIS			02.0 TO 09.0 CR	
	PREREQ		CONSENT OF INSTR		
1	TO BE ARRANGED				HANSON
600	DISSERTATION			01.0 TO 48.0 CR	
	PREREQ		MIN OF 36 HRS TO BE EARNED FOR		
			DOC OF PHIL DEGREE		
1	TO BE ARRANGED				HANSON

### Guidance and Educational Psychology

(GUID)

305	EDUC PSYCHOLOGY			04.0 CR	
	PREREQ		GSB 201C		
1	08.00	TW	LAWSON	141	HILLER
	08.00	THF	GYM	203	
2	08.00	TW	LAWSON	141	HILLER
	08.00	TH	BAILEY	130	
	08.00	F	WHLR	207	
3	08.00	TW	LAWSON	141	HILLER
	08.00	TH	NKRS C	118	
	08.00	F	PULL	37	
4	08.00	TW	LAWSON	141	
	08.00	TH	AG	116	
	08.00	F	0875	102	
5	08.00	TW	LAWSON	141	
	08.00	TH	AG	144	
	08.00	F	PIERCE	130	
6	08.00	TW	LAWSON	141	
	08.00	THF	FELTS	130	
7	08.00	TW	LAWSON	141	
	08.00	THF	ABBOTT	129	
8	08.00	TW	LAWSON	141	
	08.00	THF	LS II	285D	
9	08.00	TW	LAWSON	141	
	08.00	TH	0720	105	
	08.00	F	0720	101	
10	08.00	TW	LAWSON	141	
	08.00	TH	0720	106	
	08.00	F	0720	108	
11	12.00	MT	WHAM	105	
	12.00	W	WHLR	113	
	12.00	TH	PARK	309	

12	12.00	MT	WHAM	105	
	12.00	W	WHLR	207	
	12.00	TH	PIERCE	130	
13	12.00	MT	WHAM	105	
	12.00	W	PULL	37	
	12.00	TH	TECH A	210	
14	12.00	MT	WHAM	105	
	12.00	W	PULL	39	
	12.00	TH	TECH A	310	
15	12.00	MT	WHAM	105	
	12.00	WTH	AG	170	
16	12.00	MT	WHAM	105	
	12.00	WTH	BAILEY	130	
17	12.00	MT	WHAM	105	
	12.00	WTH	BROWN	130	
18	12.00	MT	WHAM	105	
	12.00	WTH	FELTS	130	
19	12.00	MT	WHAM	105	
	12.00	W	TECH A	222	
	12.00	TH	0720	103	
20	12.00	MT	WHAM	105	
	12.00	W	TECH A	320	
	12.00	TH	0720	105	
21	03.00	M W	PARK	124	
	03.00	TH	WHLR	113	
	03.00	F	PARK	309	
22	03.00	M W	PARK	124	
	03.00	TH	AG	224	
	03.00	F	PULL	39	
23	03.00	M W	PARK	124	
	03.00	TH	AG	144	
	03.00	F	AG	144	
24	03.00	M W	PARK	124	
	03.00	TH	AG	152	
	03.00	F	AG	150	
25	03.00	M W	PARK	124	
	03.00	TH	AG	170	
	03.00	F	AG	154	
26	03.00	M W	PARK	124	
	03.00	THF	BROWN	130	
27	03.00	M W	PARK	124	
	03.00	THF	FELTS	130	
28	03.00	M W	PARK	124	
	03.00	THF	ABBOTT	129	
29	03.00	M W	PARK	124	
	03.00	THF	NKRS C	116	
30	03.00	M W	PARK	124	
	03.00	THF	TECH A	222	
31	05.45-07.25	T JH	H EC	104	
412	MENTAL HYGIENE		04.0	CR	
	PREREQ GUID 305				
1	10.00-11.50	M W	LAWSON	101	YATES
2	09.00-10.50	T TH	WHAM	302	YATES
422A	CONST-USE EVAL INST		04.0	CR	
	PREREQ GUID 305				
1	09.00-10.50	T TH	WHAM	319	MUHICH
2	06.00-09.00 PM	M	WHAM	228	MUHICH
3	06.00-09.00 PM	T	LAWSON	231	MUHICH
4	03.00-04.50	M W	LS II	285D	DENZEL
5	06.00-09.00 PM	W	WHAM	228	RECTOR
481	SEMINAR		02.0	TO 12.0	CR
	PREREQ GUID 305 AND CONSENT OF INSTRUCTOR & DEPT				
1	03.00-04.50	M W	WHAM	317	
501	SPEC RESEARCH PROB		02.0	TO 12.0	CR
	PREREQ ADVANCED STANDING & CONSENT OF DEPARTMENT				
1	05.00	T TH	WHAM	231	KELLY FRANCIS JOHN
505	INTR TO STAT METH		04.0	CR	
1	08.00-09.50	M W	WHAM	307	EVANS
2	01.00-02.50	M W	WHAM	329	MCNEIL

506	ADV STATISTICAL MET	04.0 CR		
	PREREQ GUID 505			
1	09.00-10.50 M W	WHAM 317	BRACHT	
2	01.00-02.50 T TH	WHAM 305	BRACHT	
507	DES & ANAL OF EXPER	04.0 CR		
	PREREQ GUID 506			
1	08.00-09.50 M W	WHAM 319	MCNEIL	
2	08.00-09.50 M	CL 107	MOUW	
	08.00-09.50 W	WHAM 312		
3	09.00-10.50 T TH	WHAM 317	MOUW	
4	06.00-09.00 PM T	WHAM 305	LINDSEY JEFFERSON F	
5	01.00-02.50 M W	WHAM 317	MCNEIL	
6	06.00-09.00 PM T	WHAM 302	LINDSEY	
511	ED IMPL OF LEARN TH	04.0 CR		
	PREREQ ADVANCED STANDING			
1	03.00-04.50 T TH	WHAM 328	WILLIAMS REED G	
515	PSY ASPECTS OF ED	04.0 CR		
	PREREQ ADVANCED STANDING			
1	07.00-08.50 PM M W	WHAM 317	MILES DAVID T	
521A	ANAL-CLASSRM BEHAV	04.0 CR		
	PREREQ GUID 305			
1	10.00-11.50 M W	LAWSON 121	SULZER BETH W	
531	THEORY OF MEASUREMT	04.0 CR		
	PREREQ GUID 505 OR CONSENT OF INSTR			
1	01.00-02.50 T TH	WHAM 317	TYLER THOMAS A	
541	OCCUP INF & GUID	04.0 CR		
	PREREQ GUID 442			
1	10.00-11.50 M F	WHAM 319	BRADLEY	
2	06.00-09.00 PM TH	WHAM 206	RAMP WAYNE S	
	CROSSLISTED WITH TIED 541			
545M	SEM-PSYC FOUND - ED	04.0 CR		
1	10.00-11.50 M W	WHAM 312	CODY	
546B	PERSONALITY ASSESS	04.0 CR		
	PREREQ GUID 546A			
1	TO BE ARRANGED		DALY WILLIAM C	
548C	PRAC IN COUNSELING	04.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		ALTEKRUSE	
	ABOVE SECT RESTRICTED-ELEMENTARY ONLY			
2	TO BE ARRANGED			
3	TO BE ARRANGED			
4	TO BE ARRANGED			
5	TO BE ARRANGED			
6	TO BE ARRANGED			
548D	PRAC IN SCHOOL PSYC	02.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		AMBLE BRUCE ROY	
2	04.00-05.50 T TH	WHAM 203	SULZER	
553	ORG & AD OF GUID	02.0 TO 04.0 CR		
	PREREQ GUID 537			
1	06.00-08.50 PM T	WHAM 202	GRAFF	
2	TO BE ARRANGED			
567	TOP SEM-EDUC PSYC	02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			
568	TOP SEM-COUN & GUID	02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	10.00-11.50 TH	WHAM 312	GRAFF	
580	TOP SEM-STAT & MEAS	02.0 TO 12.0 CR		
	PREREQ INSTRUCTORS PERMISSION			
1	01.00-02.50 M W	WHAM 301A	BEGGS	
581	INTERN-COUNS & GUID	01.0 TO 12.0 CR		
	PREREQ GUID 548C			
1	TO BE ARRANGED		ALTEKRUSE	
590	SEM - BEHAV FOUNDAT	02.0 CR		
	PREREQ FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES			
1	10.00-11.50 M	WHAM 301B	VINDCUR & MOORE	
	10.00-11.50 W	WHAM 301B		
596	INDEP INVESTIGATION	02.0 TO 12.0 CR		
	PREREQ INSTRUCTORS PERMISSION			
1	TO BE ARRANGED			



597	INDEPENDENT STUDY	01.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPARTMENT			
1	TO BE ARRANGED			DEICHMANN JOHN W
599	THESIS	03.0 TO 09.0 CR		
1	TO BE ARRANGED			DEICHMANN
600	DISSERTATION	01.0 TO 48.0 CR		
1	TO BE ARRANGED			CODY JOHN J

# **Health Education (H ED)**

301	H ED CONCEPTS ADV	04.0 CR		
	PREREQ .			
1	09.00 MTWTH	ARENA	121	VINCENT RAYMOND J
302S	DRIVER-TRAFF SAFETY	04.0 CR		
	PREREQ A VALID DRIVERS LICENSE			
1	08.00 MTWTH	L-APS	136	DOOLEY AUBREY C
305	PRIN-FOUND H ED	04.0 CR		
1	10.00 MTWTH	ARENA	119	RUSSELL ROBERT D
312	EMOTIONAL HEALTH	04.0 CR		
	PREREQ .			
1	11.00 MTWTH	ARENA	125	
313S	INTRO SAFETY EDUC	04.0 CR		
	PREREQ .			
1	09.00 MTWTH	L-APS	136	DOOLEY AUBREY C
323S	METH MAT SAFETY EDU	04.0 CR		
	PREREQ .			
1	01.00 MTWTH	L-APS	136	RITZEL DALE O
325	COMM HEALTH PROB	03.0 CR		
	PREREQ .			
1	10.00 M WTH	ARENA	125	GRISSOM DEWARD K
334S	FIRST AID	04.0 CR		
	PREREQ .			
1	11.00 M WTHF	ARENA	119	BRIDGES A FRANK
2	12.00 M WTHF	ARENA	119	HARRIS EILEEN M
3	05.45-07.25 T TH	ARENA	119	SMELSER JAMES ALLEN
4	05.45-07.25 M W	ARENA	119	LINDAUER LARRY
350	METH MAT SCH HEALT	04.0 CR		
	PREREQ .			
1	02.00 TWTHF	ARENA	119	PHILLIPS FRANCES K
356	PUBLIC HEALTH II	05.0 CR		
	PREREQ .			
1	TO BE ARRANGED			RICHARDSON CHARLES
400	HEALT APP SCH CHILD	04.0 CR		
	PREREQ NOT OPEN TO STUDENTS WHO HAVE HAD 450			
1	05.30-09.00 PM W	ARENA	123	LEFEVRE JOHN R
401	DIS PREVENT & CONTR	03.0 CR		
1	06.30-09.00 PM W	ARENA	121	MILLER LESLIE R
442S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 302S			
1	08.00 MTWTH	L-APS	136	RITZEL DALE O
443S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 442S			
1	06.30-09.00 PM T	L-APS	136	AARON JAMES E
475S	TRAFFIC LAW ENFORCE	04.0 CR		
	PREREQ H ED 433S OR CONSENT OF INSTR			
1	06.30-09.00 PM TH	L-APS	136	BRIDGES A FRANK
485	INTERNATIONAL HEATH	04.0 CR		
1	11.00 MTWTH	TECH A	120	RUSSELL ROBERT D
490	FLD WK SCH COMM HEA	02.0 TO 08.0 CR		
	PREREQ RESTRICTED TO MAJORS IN DEPT			
1	TO BE ARRANGED			RICHARDSON CHARLES
515	CUR LIT IN HTH ED	04.0 CR		
1	TO BE ARRANGED			
520	SPEC PROJ-HED & SAF	04.0 TO 06.0 CR		
1	TO BE ARRANGED			BOYDSTON DONALD N
526	EVAL IN HED & SAFE	04.0 CR		
1	05.30-09.00 PM T	ARENA	121	CASEY LESLIE R
530S	PROB RES ACCID PREV	04.0 CR		
	PREREQ H ED 443S, 525S OR CONSENT OF INSTRUCTOR			
1	06.30-09.00 PM M	L-APS	136	AARON JAMES E

533C	HUMAN CONSERVATION		04.0 CR	
	PREREQ H ED 533A,B			
1	06.30-09.00 PM	TH	ARENA 121	RICHARDSON CHARLES
590	FIELD INTERNSHIP		04.0 TO 12.0 CR	
1	TO BE ARRANGED			GRISSOM DEWARD K
597A	SEM IN HED & SAFETY		01.0 CR	
1	TO BE ARRANGED			BOYDSTON DONALD N
597B	SEM IN HED & SAFETY		01.0 CR	
1	TO BE ARRANGED			BOYDSTON DONALD N
597C	SEM IN HED & SAFETY		01.0 CR	
1	TO BE ARRANGED			BOYDSTON DONALD N
599	THESIS		03.0 TO 09.0 CR	
1	TO BE ARRANGED			BOYDSTON DONALD N
600	DISSERTATION		01.0 TO 48.0 CR	
	PREREQ MUST MEET MINIMUM REQ OF 36			
	HRS FOR PH D DEGREE			
1	TO BE ARRANGED			BOYDSTON DONALD N

### Higher Education (HIED)

402	PRIN COL STU PERSON		02.0 CR	
1	06.30-08.00 PM	W	LAWSON 141	SPEES EMIL R
510	HIGHER EDUC IN U S		04.0 CR	
1	04.00-05.50	M W	WHAM 319	HAWLEY
516	COL STUDENT-CULTURE		04.0 CR	
1	10.00-11.50	T TH	WHAM 329	CASEBEER ARTHUR L
518	COLLEGE TEACHING		04.0 CR	
1	09.00-11.30	S	WHAM 319	SWINBURNE
522	READINGS		01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			TOLLE DONALD J
2	TO BE ARRANGED			CASEBEER ARTHUR L
3	TO BE ARRANGED			MOORE MALVIN JR
523A	INTERN-COLL TEACH		01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			HILL CHARLES R
523B	INTERN-STUDENT PERS		01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			CASEBEER ARTHUR
523C	INTERN-COLLEGE ADM		01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			KING JOHN
523D	INTERNSHIP		01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			JUNG LOREN B
524	INDIVIDUAL STUDY		02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			TOLLE DONALD J
2	TO BE ARRANGED			CASEBEER ARTHUR L
3	TO BE ARRANGED			MOORE MALVIN JR
535G	ACAD & FACT ADMIN		02.0 CR	
1	07.00-09.00 PM	TH	WHAM 319	MCGRATH
535H	ADMIN OF ADM & REC		02.0 CR	
1	07.00-09.30 PM	M	WHAM 301A	MCGRATH ROBERT A
535I	JR COLLEGE ADMIN		02.0 CR	
1	04.00-05.50	W	WHAM 231	TOLLE DONALD J
535K	ADULT & CONTIN EDUC		02.0 CR	
1	09.00-10.50	M	CL 25	HAWLEY JOHN BABCO
535M	INSTITUTION RESERCH		02.0 CR	
1	07.30-09.30 PM	T	WHAM 212	JUNG LOREN B
545R	SEMINAR-SOCIOLOGY		03.0 CR	
1	09.00	W	WHAM 329	HAWLEY JOHN BABCO
	10.00	W	WHAM 319	HAWLEY JOHN BABCO
	09.00	F	WHAM 329	HAWLEY JOHN BABCO
545V	FED GOV & HI ED		03.0 CR	
1	03.00-05.30	M	WHAM 301A	
555	PHILOSOPHY OF HI ED		04.0 CR	
1	06.30-09.15 PM	T	WHAM 328	KING
565	COMMUNIT-JR COLLEGE		04.0 CR	
1	04.00-05.50	T TH	LAWSON 231	TOLLE DONALD J
589	ADVANCED RESEARCH		04.0 TO 08.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			

599 THESIS 01.0 TO 09.0 CR  
 1 TO BE ARRANGED  
 600 DISSERTATION 01.0 TO 48.0 CR  
 PREREQ MINIMUM OF 36 HRS TO BE EARNED  
 FOR DOCTOR OF PHIL  
 1 TO BE ARRANGED

# History (HIST)

303 GREAT DEPRESSION-US 03.0 CR  
 PREREQ GSB 211A OR ECON 214 & 215 OR  
 CONSENT OF INSTRUCTOR  
 1 01.00 TW LS I 205 CONRAD DAVID E  
 01.00 F LS I 323  
 304C ANC WORLD-ROME 03.0 CR  
 1 06.00-07.30 PM M W H EC 203 BREHM DONALD L  
 308 HISTORY OF ILLINOIS 03.0 CR  
 1 02.00 T THF 0861 102 SIMON  
 309A SURV BLACK AM HIST 03.0 CR  
 1 09.00 T TH H EC 140B HUDSON  
 09.00 F NKRS B 440  
 322C ENG HIST-SINCE 1815 04.0 CR  
 1 11.00 MT THF 0862 102 CHERRY GEORGE L  
 330 REVOLUTION & CONST 03.0 CR  
 1 01.00 M W WHAM 302 AMMON HARRY  
 01.00 TH 0861 102  
 332C MEDIEVAL HISTORY 03.0 CR  
 1 01.00 TW 0720 108 DOTSON  
 01.00 F 0720 106  
 333A EARLY MODERN EUROPE 03.0 CR  
 1 10.00 M H EC 203 BARTON  
 10.00 T TH H EC 206  
 333B EUR HIST-18&19 CENT 03.0 CR  
 1 08.00 M 0871 102 MCFARLIN  
 08.00 W F H EC 106  
 333C EUR HIST-20TH CENT 03.0 CR  
 1 09.00 M W F 0875 101 MCFARLIN HAROLD A  
 349C INDEPENDENT AFRICA 03.0 CR  
 1 07.30-09.00 PM M W LAWSON 131 BERBERICH CHARLES  
 352C LATN AMER-20TH CENT 03.0 CR  
 1 09.00 M W F H EC 208 WERLICH  
 398 HISTORY HONORS 03.0 CR  
 PREREQ CONSENT OF DEPARTMENT  
 1 12.00 M WTH WHAM 301A ZUCKER  
 2 12.00 M WTH WHAM 301B BATINSKI MICHAEL C  
 401A HIST OF SOUTH 03.0 CR  
 1 01.00 T THF 0720 107 MURPHY  
 401C HIST OF SOUTH 03.0 CR  
 1 02.00 T F H EC 201 MURPHY JAMES B  
 02.00 TH 0721 102  
 406B DIPL HIST OF EUROPE 03.0 CR  
 1 11.00 TW F H EC 122 ODAY  
 408B PROB IN BLCK AM HIS 03.0 CR  
 PREREQ 6 HRS 300 LEVEL SOC SCI OR CON  
 SENT OF INSTR  
 1 10.00 T THF 0871 101 HUDSON  
 409C US CONSTITUT HIST 03.0 CR  
 1 12.00 MT TH H EC 206 CARROTT MONTGOMERY B  
 410 SPECIAL READINGS 02.0 TO 05.0 CR  
 1 TO BE ARRANGED  
 411C U S SOC-INT-1900 ON 03.0 CR  
 1 11.00 M W F 0720 107 ADAMS GEORGE W  
 414C INTELLECTUAL-EUROPE 03.0 CR  
 1 12.00 T THF LAWSON 131 VYVERBERG HENRY S  
 417C ADV ENG HIST 03.0 CR  
 1 09.00 M W F 0875 102 CHERRY GEORGE L  
 420 FRENCH REVOLUTION 03.0 CR  
 1 02.00 M WHAM 307 BARTON  
 02.00 T TH WHAM 329  
 425A AMER COLONIAL HIST 03.0 CR  
 1 03.00 M W H EC 106 BATINSKI  
 03.00 TH 0720 105

428	AGE OF JACKSON		03.0 CR		
1	10.00	MT TH	H EC	202	FLADELAND
434C	SOC&POL EUR-1914		03.0 CR		
1	01.00	M WTH	0720	105	ZUCKER STANLEY
435C	20TH CENT U.S. HIST		03.0 CR		
	PREREQ GSB 300C	OR CONSENT OF INSTR			
1	03.00	MT TH	H EC	201	ALLEN
440C	AMER DIPL 1920-PRES		03.0 CR		
1	02.00	TWTH	0720	107	TRANI
442C	THE WEST-TRANS MISS		03.0 CR		
1	04.00	MT TH	WHAM	202	CLIFFORD JOHN
448B	HIST OF S.EAST ASIA		03.0 CR		
1	08.00	MT TH	WHAM	112	HENDERSHOT CLARENCE
449B	ADV AFRICAN HISTORY		03.0 CR		
	PREREQ HIST 449A	OR CONSENT OF INSTR			
1	04.00	M WTH	LAWSON	131	BERBERICH CHARLES
452	METH OF HIST RES		03.0 CR		
1	10.00	M TH	WHAM	212	SHELBY
	10.00	W	WHAM	231	
464B	HISTORY OF GERMANY		03.0 CR		
1	03.00	T THF	0871	102	DETWILER DONALD S
474	US-MEXICAN RELATION		03.0 CR		
	PREREQ 6HRS OF 300 LEVEL	SOC SCI OR C			
	ONSENT OF INSTR				
1	02.00	M W F	0875	102	GOLD
478B	HISTORY OF SPAIN		03.0 CR		
	PREREQ 6 HRS OF 300 LEVEL	SOC SCI OR			
	CONSENT OF INSTR				
1	11.00	M W F	0721	102	WERLICH
500A	SEMINAR-AMER HIST		05.0 CR		
1	03.00-04.50	M W	WHAM	301B	ADAMS GEORGE W
510	READING IN HISTORY		02.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				B
520B	SEC AND REFORM		04.0 CR		
1	01.00-03.50	W	TECH A	222	FLADELAND BETTY L
521B	SEM AMER DIPLO HIST		04.0 CR		
1	03.00-06.00	TH	WHAM	301B	TRANI
575B	STUDIES-LATIN AMER		04.0 CR		
1	07.00-10.00 PM	M	H EC	122A	GOLD ROBERT L
582	MEDIEVAL & REN HIST		04.0 CR		
1	06.00-09.00 PM	T	WHAM	301B	BREHM
586	EAR MOD EUROPE HIST		04.0 CR		
1	01.00-04.00	TH	WHAM	301A	VYVERBERG
599	THESIS		01.0 TO 09.0 CR		A
1	TO BE ARRANGED				A
600	DISSERTATION		01.0 TO 48.0 CR		A
1	TO BE ARRANGED				

### Home Economics (H EC)

387	SPEC PROB-HONORS		02.0 TO 08.0 CR		
1	TO BE ARRANGED				A
388	RES & INVESTIGATION		02.0 TO 08.0 CR		
1	TO BE ARRANGED				A

### Home Economics Education (HEED)

306	SEMINAR READINGS		02.0 CR		
1	02.00	M W	H EC	203	MOORE VIOLET
307	METH TCH DIET MAJ		03.0 CR		
1	08.00	M W F	H EC	133	KEENAN
309B	METHODS OF TEACHING		03.0 CR		
	PREREQ 309A				
1	09.00	M W F	H EC	120	KEENAN DOROTHY M
310	EVAL AND ADULT EDUC		04.0 CR		
	PREREQ 309 AND S ED	352 CONCURRENTLY			
1	TO BE ARRANGED		H EC	133A	EDDLEMAN EDNA J
414	H EC FOR ELEM TCHRS		04.0 CR		
1	06.00-08.30 PM	M	H EC	133A	EDDLEMAN



481	READINGS	02.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTR AND CHAIRMAN			
		OF DEPARTMENT			
1	TO BE ARRANGED			A	
505	H EC IN SEC SCHOOLS	04.0 CR			
1	06.00-08.30 PM	TH	H EC	133A	
510A	PRACTICUM IN SUPERV	01.0 TO 04.0 CR			
	PREREQ	510 OR EDAF 456 OR CONSENT OF			
		INSTRUCTOR			
1	TO BE ARRANGED			A	ROSE MARY CARTER
516	ADV METHODS IN H EC	04.0 CR			
1	06.30-09.00 PM	T	H EC	120	KEENAN DOROTHY M
525	INTER VOC COOP ED	03.0 CR			
	PREREQ	STUDENT TEACHING			
1	09.00-11.30	S	TECH D	130	FULTS ANNA CAROL
	CROSSLISTED WITH AG I & TIED				
572	SPECIAL PROBLEMS	02.0 TO 08.0 CR			
1	TO BE ARRANGED				FULTS & KEENAN
573	SEM-RES IN HOME EC	01.0 CR			
1	TO BE ARRANGED				FULTS ANNA CAROL
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	03.0 TO 48.0 CR			
1	TO BE ARRANGED				FULTS ANNA CAROL

### Interior Design (ID)

131	INTRO TO DESIGN	03.0 CR			
1	12.00-01.50	M W	H EC	302	GREENE
231B	BASIC INTERIOR DES	03.0 CR			
	PREREQ	ID 231A			
1	10.00-11.50	T TH	H EC	302	SEKELY
	10.00	M	H EC	302	SEKELY
300	DISPLAY&EXHIBITION	02.0 TO 04.0 CR			
	PREREQ	231A,B OR 131			
1	03.00-04.50	M W	H EC	302	GREENE
	ADDITIONAL HOURS TBA				
327	HOME FURNISH & INT	03.0 CR			
	PREREQ	131 OR EQUIV OR CONSENT OF			
		INSTR			
1	03.00-04.50	M W	H EC	304	STEWART LUCY
331	TEXTILE DESIGN	03.0 CR			
	PREREQ	231A OR EQUIV OR CONSENT OF			
		INSTR			
1	01.00-02.50	T TH	H EC	302	GREENE
389	FURNITURE DESIGN	04.0 CR			
	PREREQ	381 OR CONSENT OF INSTR			
1	03.00	F	H EC	304	MORAN WALTER J
	01.00-02.50	M W	H EC	304	MORAN WALTER J
2	01.00-02.50	T TH	H EC	304	SEKELY
	03.00	F	H EC	304	SEKELY
391B	INTERMEDIATE ID	05.0 CR			
	PREREQ	ID 391A			
1	12.00	F	H EC	304	STEWART LUCY
	10.00-11.50	M W	H EC	304	STEWART LUCY
2	10.00-11.50	T TH	H EC	304	GREENE
	12.00	F	H EC	304	GREENE
396	SPECIAL PROBLEMS	02.0 TO 05.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				MORAN WALTER J
481	READINGS	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF CHAIRMAN			
1	TO BE ARRANGED				
491	ADV INTERIOR DESIGN	04.0 CR			
	PREREQ	CONSENT OF INSTR			
1	10.00-11.50	T TH	H EC	304	MORAN
2	10.00-11.50	W F	H EC	302	SEKELY

### Industrial Technology (IT)

100	ORIENTATION	00.0 CR			
1	04.00	T	TECH A	111	



300A	PLASTIC PROCESS			04.0 CR	
	PREREQ	GSA 101B			
1	08.00	M WTHF	TECH A	111	
	08.00-09.50	T	TECH D	148	
2	08.00	M WTHF	TECH A	111	
	10.00-11.50	TH	TECH D	148	
3	08.00	M WTHF	TECH A	111	
	01.00-02.50	T	TECH D	148	
4	08.00	M WTHF	TECH A	111	
	01.00-02.50	W	TECH D	148	
305C	DESIGN ILLUSTRATION			03.0 CR	
	PREREQ	I T 305A OR 305B			
1	08.00	M W	TECH A	307	
	08.00-09.50	TH	TECH A	307	
306C	INDUSTRIAL DESIGN			03.0 CR	
	PREREQ	I T 306B			
1	01.00-02.50	W	TECH A	307	
	10.00-11.50	S	TECH A	307	
307	ANAL PROB IN TECH			05.0 CR	
	PREREQ	MATH 111A, B			
1	12.00	MTWTHF	TECH A	208	
318	MATERIALS JOINING			03.0 CR	
1	11.00	M W	TECH A	111	
	08.00-09.50	TH	TECH D	148	
2	11.00	M W	TECH A	111	
	01.00-02.50	M	TECH D	148	
3	11.00	M W	TECH A	111	
	08.00-09.50	M	TECH D	148	
4	11.00	M W	TECH A	111	
	06.00-07.50 PM	T	TECH D	148	
319	INDUSTRIAL INTERN			03.0 TO 24.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				B
340	AUTO PROCESS CONTR			03.0 CR	
	PREREQ	IT 325A & ET 102A			
1	11.00	T TH	TECH A	111	
	10.00-11.50	F	TECH D	148	
2	11.00	T TH	TECH A	111	
	01.00-02.50	TH	TECH D	148	
3	11.00	T TH	TECH A	111	
	03.00-04.50	W	TECH D	148	
343A	ELECT ELECTRONICS			03.0 CR	
1	02.00	T TH	TECH A	408	
	11.00-12.50	TH	TECH D	106	
2	02.00	T TH	TECH A	408	
	03.00-04.50	TH	TECH D	106	
358	MAT HAND&PL LAYOUT			05.0 CR	
	PREREQ	I T 317 & 325			
1	10.00	MTWTHF	TECH A	221	
365	QUALITY CONTROL			04.0 CR	
	PREREQ	JUNIOR STANDING			
1	11.00	MT THF	TECH A	408	
375	PRODEINVENT CONTROL			04.0 CR	
	PREREQ	JUNIOR STANDING			
1	01.00	MT THF	TECH A	410	

### Instructional Materials (IM)

308	INTRO TO CATALOGING			04.0 CR	
1	01.00	M W	PULL	310	DALE
	01.00-02.50	TH	PULL	310	
405	LIB MAT FOR CHILD			04.0 CR	
	PREREQ	OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR			
1	11.00	MTWTH	PULL	318	FLETCHER KATHLEEN C
406	ADOL LIB MATERIALS			04.0 CR	
	PREREQ	OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR			
1	10.00	MTWTH	PULL	318	FLETCHER KATHLEEN C
407	BASIC REF SOURCES			04.0 CR	
1	09.00	MTWTH	PULL	318	COX DOROTHY J

413	CAT OF NON-BOOK MAT		04.0 CR	
	PREREQ 308			
1	05.45-07.25	T TH	PULL 318	COX DOROTHY J
417	A-V METH IN EDUC		04.0 CR	
1	08.00	MTWTH	PULL 316	
2	08.00	MTWTH	LAWSON 121	
3	09.00	MTWTH	PULL 316	
4	10.00	MTWTH	PULL 316	
5	11.00	MTWTH	PULL 316	
6	12.00	MTWTH	PULL 316	
7	01.00	MTWTH	PULL 316	
8	02.00	MTWTH	PULL 316	
9	03.00	MTWTH	PULL 316	
10	04.00	MTWTH	PULL 316	
11	05.45-07.25	M W	PULL 316	
12	05.45-07.25	T TH	PULL 316	
13	07.35-09.15 PM	M W	PULL 316	
14	07.35-09.15 PM	T TH	PULL 316	
15	12.00	MTWTH	PULL 318	
420	SCH LIB ACT-PRACT		04.0 CR	
	PREREQ 308, 403, 405, OR 406, 407			
1	08.00	MTWTH	PULL 318	FLETCHER
440	PHOTOG FOR TEACHERS		04.0 CR	
1	10.00	MTWTH	PULL 310	BUTTS
445	PREP TEACH-MADE MAT		04.0 CR	
	PREREQ 417 OR CONSENT OF INSTRUCTOR			
1	01.00-02.50	MTWTH	PULL 307	JURGEMEYER
448	ADMIN OF A-V PROG		04.0 CR	
	PREREQ 417 OR CONSENT OF INSTRUCTOR			
1	01.00	MTWTH	PULL 318	INGLI
457	RAD TELEV IN CLRM		04.0 CR	
1	09.00	MTWTH	PULL 310	PLANINC
458	MED OF MOTION PICT		04.0 CR	
1	02.00-04.30	W	PULL 318	WENDT
510	MASS COMM IN EDUC		04.0 CR	
1	06.30-09.00 PM	M	PULL 310	SPIGLE
514	SUR-RFS & DEV IN IM		04.0 CR	
	PREREQ 405, 406, 417 OR CONSENT OF INSTRUCTOR			
1	06.30-09.00 PM	W	PULL 310	DALE & SPIGLE
523	SEMINAR-JR COL LIB		04.0 CR	
1	06.30-09.00 PM	TH	PULL 310	DALE DORIS
560	SEMINAR IN IM		04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	06.30-09.00 PM	T	PULL 310	
576	PROB INST MAT		02.0 TO 08.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			
599	THESIS		05.0 TO 09.0 CR	
1	TO BE ARRANGED			
600	DISSERTATION		01.0 TO 48.0 CR	
1	TO BE ARRANGED			BUTTS GORDON K

# Journalism (JRNL)

300	THE NEWS		03.0 CR	
	PREREQ JRNL 345 346			
1	08.00	M W	COMM 1250	
	08.00-09.50	F	COMM 1250	
2	10.00	T F	COMM 1250	
	09.00-10.50	TH	COMM 1250	
3	11.00	M W	COMM 1250	
	11.00-12.50	F	COMM 1250	
	ABOVE SECTIONS RESTRICTED TO DEPT. CONSENT			
301	NEWSWRIT EDIT I		03.0 CR	
	PREREQ JRNL 300			
1	08.00	T	WHAM 302	HIX
2	08.00	T	WHAM 302	HIX
3	08.00	T	WHAM 302	HIX
4	08.00	T	WHAM 302	HIX
	ADDITIONAL HRS TBA FOR ALL SECTIONS			

302	NEWSWRIT EDIT II			03.0 CR	
	PREREQ	JRNL 300			
1	08.00	M W F	COMM	1213	GRANATO LEONARD A
	09.00	T	COMM	1213	HARMON, WILLIAM
2	08.00	T TH	COMM	1213	HARMON, WILLIAM
	10.00	W F	COMM	1213	HARMON, WILLIAM
303	NEWS & EDIT III			03.0 CR	
	PREREQ	JRNL 301 AND 302			
1	09.00	TH AG		116	GRANATO LEONARD A
	ADDITIONAL HRS TBA FOR ALL SECTIONS				
310	RADIO TV NEWS			03.0 CR	
	PREREQ	JRNL 300, 301, 302, & 303			
1	04.00	M W F	COMM	1006	RIMERMAN
	CROSS-LISTED WITH R-T 310				
330	EDITORIAL WRITING			03.0 CR	
	PREREQ	JRNL 303			
1	10.00	MT TH	COMM	1022	STONECIPHER HARRY W
345	HIST OF JOURN			03.0 CR	
1	08.00	M W F	LAWSON	231	HART
346	COMPARATIVE JOURN			03.0 CR	
1	11.00	M W F	LAWSON	201	CLAYTON CHARLES C
369	MAG WRITING			03.0 CR	
	PREREQ	JRNL 300, 301, 302			
1	11.00	M W F	COMM	1248	FORD
370	PRIN OF ADVERTISING			03.0 CR	
1	09.00	M F	TECH A	111	ROCHE BRUCE
	09.00	W	AG	166	ROCHE BRUCE
372	AD COPY LAYOUT PROD			05.0 CR	
	PREREQ	JRNL 370, 345, & 346			
1	04.00	MTWTH	COMM	1213	LYNN, JERRY
	03.00	TH	COMM	1213	LYNN, JERRY
373	ADV MEDIA & MARKETS			03.0 CR	
	PREREQ	JRNL 372			
1	11.00	M	COMM	1213	ROCHE, BRUCE
	11.00	W F	COMM	1213	ROCHE, BRUCE
374	ADV POL AND PROBS			03.0 CR	
	PREREQ	JRNL 373			
1	09.00	M W F	COMM	1213	FRUEND, DAVID
376	ADVER CAMPAIGNS			04.0 CR	
	PREREQ	CONSENT OF DEPT			
1	01.00	M W	COMM	1213	LYNN JERRY R
	ADDITIONAL HRS TBA				
382	NEWSPAPER PRO & CIR			03.0 CR	
	PREREQ	SENIOR STANDING			
1	02.00	M W F	BAILEY	130	RIMERMAN
383A	NP PROD MANAGEMENT			03.0 CR	
	PREREQ	JRNL 203			
1	09.00	M W F	COMM	1248	BROWN GEORGE CURTI
2	10.00	M W	COMM	1248	CROW WENDELL C
	09.00	T	COMM	1248	
3	01.00	M W F	COMM	1248	
383B	NP PROD MANAGEMENT			03.0 CR	
	PREREQ	JRNL 383A			
1	08.00	M W F	COMM	1248	BROWN GEORGE CURTI
2	10.00	T THF	COMM	1248	CROW WENDELL C
3	12.00	M W F	COMM	1248	
390	ADVANCED REPORTING			03.0 CR	
	PREREQ	JRNL 303			
1	09.00	T TH	COMM	1250	STARCK KENNETH
	02.00	M	COMM	1248	STARCK KENNETH
391	FEATURE WRITING			03.0 CR	
	PREREQ	JRNL 303			
1	11.00	T TH S	COMM	1213	STARCK KENNETH
393	PUBLICITY METHODS			03.0 CR	
1	09.00	T TH S	AG	150	CHU
395	INTR-MASS COMM THEO			03.0 CR	
	PREREQ	SENIOR STANDING			
1	09.00	M W F	BAILEY	130	ATWOOD L ERWIN
397	SPECIAL PUBLICATION			03.0 CR	
	PREREQ	JRNL 369			
1	01.00	M W F	PHY SA	156	FORD JAMES L C

399	SENIOR SEMINAR		01.0 CR		
	PREREQ	LAST QTR MAJORS			
1	01.00	T	AG	116	FRAZER MARY KING
401	INTERNATIONAL JRNL			03.0 CR	
	PREREQ	SENIOR STANDING			
1	10.00	M W F	PULL	43	STARCK KENNETH
421	SCHOOL PUBLICATIONS			04.0 CR	
1	01.00	M THF	WHAM	312	RICE W MANION
	01.00	W	WHAM	202	RICE W MANION
431	PUBLIC RELATIONS			03.0 CR	
	PREREQ	SR STANDING-JRNL MAJORS ONLY			
1	03.00	M W F	AG	152	ROCHE BRUCE
433A	RES THEORY & DESIGN			03.0 CR	
1	06.00-09.00 PM	M	COMM	1017	
	03.00-04.50	W	COMM	1022	
433B	RESEARCH METHODS			03.0 CR	
	PREREQ	JRNL 432 OR CONSENT OF INSTR			
1	06.00-09.00 PM	T	LS II	146	RUCKER BRYCE W
	03.00-04.50	TH	AG	220	RUCKER BRYCE W
442	LAW OF JOURNALISM			03.0 CR	
	PREREQ	SR STANDING -JRNL MAJORS ONLY			
1	02.00	M W F	CL	109	STONECIPHER HARRY W
449	PRACTICUM		02.0 TO 08.0 CR		
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				LONG HOWARD RUSK
498	READINGS		01.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				GROTTA GERALD L
533	RESEARCH PROB-JRNL		01.0 TO 04.0 CR		
1	TO BE ARRANGED				BROWN
545	STUDIES IN JRNL HIS		03.0 CR		
1	03.00-04.50	M W	AG	220	HART JIM ALLEE
595	GRADUATE SEMINAR		00.0 CR		
1	TO BE ARRANGED				BROWN
598	READINGS		01.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				ATWOOD & RUCKER
599	THESIS		01.0 TO 08.0 CR		
1	TO BE ARRANGED				BROWN
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				BROWN

## Linguistics (LING)

4101	UNCOM LANG-VIET NAM		05.0 CR		
	PREREQ	GSD 210G,H,I OR EQUIV			
1	10.00	MTWTHF	WOODY	3308	
450	LANGUAGE FAMILIES		04.0 CR		
	PREREQ	LING 401A OR EQUIV			
1	03.00	MT THF	H EC	102	
501	CONTRASTIVE LING		04.0 CR		
	PREREQ	LING 401B			
1	10.00	M F	0720	107	
	10.00	T	0721	101	
	10.00	TH	0721	102	
2	11.00	M	LS II	130	
	11.00	T THF	LS II	2850	
505	GENERATIVE PHONOLOG		04.0 CR		
	PREREQ	LING 405 & 408			
1	01.00	MT TH	H EC	104	
	01.00	F	0875	102	
508	ADV TRANSFORM SYN		04.0 CR		
	PREREQ	LING 408			
1	10.00	MT THF	0875	101	
2	11.00	M	NKRS C	218	
	11.00	F	TECH A	120	
	11.00	T TH	NKRS A	458	
540	STUDIES-LINGUISTICS		02.0 TO 08.0 CR		
	PREREQ	401B OR EQUIV OR CONSENT			
1	02.00	MT THF	H EC	118	

572	PREP MAT IN EFL			03.0 CR	
	PREREQ LING 570, OR CONSENT OF INSTR				
1	08.00	M	F	TECH A	408
	08.00	T	TH	TECH A	320
2	09.00	MT	THF	WHAM	206

### Management (MGT)

170	INTR TO BUS ADMIN			04.0 CR	
1	09.00	M	WTHF	LAWSON	121
	09.00		T	LAWSON	101
2	07.00-09.30 PM		T TH	LAWSON	121
301	MGT & SUPERVISION			04.0 CR	
1	09.00	MT	THF	LS I	323
302	BUSINESS WRITING			04.0 CR	
1	12.00	MT	THF	CL	109
340	BUS-ORG AND MGT			04.0 CR	
	PREREQ GSB 201B AND C, OR EQUIVALENT- JR STANDING OR CONSENT				
1	08.00	MTWTHF		LS I	133
2	12.00	MTWTHF		LS I	133
341	ORGANIZ BEHAVIOR I			04.0 CR	
	PREREQ 340, GSD 110 OR EQUIV OR CONSENT OF INSTR				
1	TO BE ARRANGED				
345	INF SYST-COMP FUND			04.0 CR	
1	08.00-09.50		T TH	CL	109
350	MANAGEMENT SYSTEMS			04.0 CR	
	PREREQ MGT 345, 340 OR CONSENT OF INSTRUCTOR				
1	10.00-11.50		T TH	CL	109
351	METH OF QUAN ANAL			04.0 CR	
1	10.00-11.50	M	F	0871	102
361	RESEARCH IN BUS ADM			04.0 CR	
	PREREQ MGT 340, GSD 102, 103, GSD 110 OR EQUIV OR CONSENT				
1	01.00-02.50		T TH	TECH A	222
382	PERF STAND&METH IMP			04.0 CR	
1	08.00-09.50		W F	LAWSON	201
385	PERSONNEL MGT			04.0 CR	
1	12.00-01.50		W F	LAWSON	201
2	03.00-04.50	M	F	LAWSON	201
431	ORGANIZ BEHAVIOR II			04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR OR 341				
1	10.00-11.50		M W	LS II	350
440	THE MGT PROCESS			04.0 CR	
	PREREQ MBA STUDENT				
1	TO BE ARRANGED				
452	BUS OPERATIONS ANAL			04.0 CR	
	PREREQ 340, 351 OR MATH 150A OR EQUIV				
1	01.00-02.50	M	F	LS I	205
2	01.00-02.50		T TH	WHAM	205
474	MGT RESP IN SOCIETY			04.0 CR	
1	02.00-03.50		W F	LS II	330
479	PROBS BUS AND ECON			04.0 CR	
1	10.00-11.50		T TH	LS II	146
480	REC PROB-LABOR LAW			04.0 CR	
1	10.00-11.50		W F	LS I	205
481	ADMINISTRATIVE POL			04.0 CR	
	PREREQ MGT 340, FIN 320, MKTG 301 OR EQUIV, & SR STANDING				
1	08.00-09.50	M	W	PULL	38
2	10.00-11.50		W F	LS II	146
3	12.00-01.50	M	W	LS I	323
4	02.00-03.50	M	W	PULL	43A
5	03.00-04.50	M	F	LS II	146
6	03.00-04.50		T TH	CL	24

### Marketing (MKTG)

301	MKTG FUNDAMENTALS			04.0 CR	
	PREREQ ECON 214, ACCT 251A				
1	10.00	MTWTH		LAWSON	151

MOORE JAMES R



335	INTERNATIONAL MKTG				04.0 CR	
	PREREQ	MKTG 301				
1	10.00-11.50	T TH	H EC	208	POWELL ANDREW F	
341	TRANSPORTATION			04.0 CR		
	PREREQ	MKTG 301, ECON 215				
1	08.00-09.50	W F	CL	24		
2	09.00	TWTHF	AG	216	NOVICK JEHIEL	
363	PROMOTIONAL CONCEPT			04.0 CR		
	PREREQ	MKTG 301				
1	09.00	MT TH	CL	24		
	09.00	W	LS I	323		
2	01.00	MTWTH	TECH A	420		
3	02.00	MTWTH	TECH A	420		
4	12.00	MTWTH	PULL	39		
390	MKTG RES & ANAL			04.0 CR		
	PREREQ	MKTG 301, ONE COURSE IN STATISTICS				
1	10.00	MTWTH	LS II	130		
2	01.00	TWTHF	LS II	130		
3	08.00	MT TH	LS II	24		
	08.00	W	CL	25		
4	11.00	TWTHF	H EC	104		
401	PROB IN RETAILING			04.0 CR		
	PREREQ	MKTG 363				
1	03.00	MTWTH	LS II	228		
2	01.00	MTWTH	CL	109		
438	SALES MANAGEMENT			04.0 CR		
1	01.00-02.50	T TH	TECH A	308	MKTG 363	
439	IND MARKETING MGMT			04.0 CR		
	PREREQ	MKTG 363				
1	01.00-02.50	M W	LS II	146	ADAMS KENDALL ALFRED	
452	PHYSICAL DIST MGT			04.0 CR		
	PREREQ	MKTG 301, ECON215				
1	10.00-11.50	W F	LS II	228		
463	ADVERTISING MANAG			04.0 CR		
	PREREQ	MKTG 363, MKTG 390				
1	10.00-11.50	M W	CL	109	DOMMERMUTH WILLIAM P	
493	MARKETING POLICIES			04.0 CR		
	PREREQ	ACCT 261, MKTG 363, 390, PLUS 4HRS IN MKTG, SENIOR				
1	03.00-04.50	M W	CL	24		
499	UNDERGRAD SEM-MKTG			04.0 CR		
	PREREQ	BY INVITATION - 16 HOURS OF MARKETING				
1	03.00-04.50	T TH	PHY SA	258	PERRY DONALD L	

### Mathematics (MATH)

108	BASIC TRANS MATH			03.0 CR	
	PREREQ	GSD 107			
1	08.00	T TH S	TECH D	131	
2	10.00	MT TH	PHY SA	156	
3	11.00	T TH S	TECH A	422	
4	12.00	T THF	AG	224	
5	01.00	TW F	PARK	204	
6	02.00	MT TH	AG	144	
7	03.00	T THF	TECH A	422	
8	04.00	M W F	TECH A	210	
9	06.00-07.25 PM	M W	TECH A	408	
10	08.00	T TH	TECH A	420	
	08.00	F	AG	152	
11	07.35-08.50 PM	T TH	NKRS C	116	
111A	COL ALGEBRA TRIG			05.0 CR	
	PREREQ	GSD 106 OR HS EQUIV			
1	08.00	TWTHFS	TECH A	410	
2	08.00	MTWTHF	PHY SA	160	
3	09.00	TH S	NKRS C	118	
	09.00	W F	TECH A	210	
	09.00	T	TECH A	208	
4	09.00	MTWTHF	PHY SA	160	
5	10.00	T THFS	TECH A	422	
	10.00	W	TECH A	320	

6	10.00	MTWTHF	TECH A	420
7	11.00	MTWTHF	TECH A	420
8	12.00	MTWTHF	AG	152
9	12.00	MTW F	TECH A	220
	12.00	TH	PHY SC	116
10	01.00	MTWTHF	PHY SC	218
11	02.00	MTWTHF	PHY SC	218
12	03.00	MTWTHF	ARENA	121
13	03.00	MTWTHF	PHY SA	160
14	06.00-07.25 PM	M WTH	PHY SA	156
15	07.35-09.00 PM	M WTH	TECH A	220
111B	COL ALGEBRA TRIG		05.0	CR
	PREREQ	MATH 111A	OR MATH 108	
1	08.00	T TH S	TECH A	408
	08.00	W	TECH A	220
	08.00	M	AG	144
2	08.00	MTWTHF	LS II	146
3	08.00	M WTH	NKRS C	116
	08.00	T	PHY SC	118
	08.00	F	AG	168
4	09.00	MTWTHF	BROWN	130
5	09.00	M WTHFS	TECH A	408
6	10.00	MTWTHF	BROWN	130
7	10.00	TWTHFS	PHY SA	160
8	11.00	T THFS	LS II	350
	11.00	W	NKRS A	156
9	11.00	MTWTHF	BROWN	130
10	12.00	MTWTHF	PHY SC	118
11	12.00	MTWTHF	PHY SC	218
12	01.00	MTWTHF	TECH A	322
13	01.00	MTWTHF	TECH A	320
14	02.00	MTWTHF	PHY SC	118
15	02.00	MTWTHF	BROWN	130
16	03.00	MTWTHF	ARENA	119
17	03.00	MTWTHF	TECH A	322
18	06.00-07.25 PM	M WTH	TECH A	308
19	07.35-09.00 PM	M WTH	TECH A	308
20	07.35-09.00 PM	M WTH	TECH A	210
140A	SHORT CRSE-CALCULUS		03.0	CR
	PREREQ	MATH 111B		
1	09.00	T TH S	NKRS A	320
2	10.00	T THF	TECH D	131
3	02.00	T TH	TECH A	320
	02.00	F	PHY SA	156
4	04.00	M W F	TECH A	222
5	06.00-07.15 PM	T TH	TECH A	410
140B	SHORT CRSE CALCULUS		03.0	CR
	PREREQ	MATH 140A		
1	08.00	T TH	NKRS A	156
	08.00	F	TECH A	322
2	11.00	T TH S	PHY SA	156
3	01.00	M WTH	TECH D	131
4	04.00	M W F	TECH A	220
5	07.35-08.50 PM	M W	TECH A	222
150A	ELEM CALC-ANAL GEOM		05.0	CR
	PREREQ	MATH 111B		
1	08.00	MTWTHF	ARENA	121
2	08.00	MTWTHF	BROWN	130
3	10.00	MTWTHF	TECH A	322
4	11.00	MTWTHF	0861	101
5	12.00	MTWTHF	TECH D	131
6	01.00	MTWTHF	TECH A	220
7	03.00	MTWTHF	TECH A	320
8	04.00	MTWTHF	TECH A	310
9	06.00-07.25 PM	M WTH	TECH A	222
150B	ELEM CALC-ANAL GEOM		05.0	CR
	PREREQ	MATH 150A		
1	08.00	MTWTHF	TECH A	210
2	09.00	MTWTHF	PHY SA	156
3	10.00	MTWTHF	TECH A	210

4	11.00	MTWTH	AG	144
	11.00	F	AG	152
5	12.00	MTWTHF	TECH A	410
6	02.00	MTWTHF	TECH A	220
7	03.00	MTWTHF	TECH A	220
8	07.35-09.00 PM	M WTH	TECH A	320
221	INTRO LINEAR ALGEBR			03.0 CR
	PREREQ	150B		
1	12.00	MT TH	TECH A	222
2	03.00	T THF	TECH A	210
252A	INTER CALC-ANAL GEO			05.0 CR
	PREREQ	MATH 150B OR 159B		
1	09.00	MTWTHF	TECH A	220
2	10.00	MTWTHF	TECH A	410
3	12.00	MTWTHF	TECH A	408
4	02.00	MTWTHF	TECH A	210
5	06.00-07.25 PM	M WTH	TECH A	220
252B	INTER CALC-ANAL GEO			04.0 CR
	PREREQ	MATH 252A		
1	08.00-08.20	MT THF	TECH A	220
2	11.00	MT THF	TECH A	320
3	01.00	MTWTH	PHY SA	160
4	04.00	MTW F	TECH A	320
259A	INTER-CALCULUS-HON			07.0 CR
	PREREQ	MATH 150B OR 159B	AND CONSENT	
		OF DEPT		
1	09.00	MTWTHF	TECH A	122
301	FUNDAMENTAL CONCEPT			03.0 CR
	PREREQ	MATH 150B		
1	10.00	M W F	PHY SA	258
2	01.00	M W F	TECH A	208
3	03.00	M TH	PHY SA	358
	03.00	T	PHY SA	278
305B	MATH PHYS SCIENCES			03.0 CR
	PREREQ	MATH 305A		
1	08.00	M W F	TECH A	320
2	11.00	M W F	AG	188
3	02.00	M W F	TECH A	320
310	TEACHING ELEM MATH			04.0 CR
	PREREQ	GSD 107		
1	08.00	MTWTH	WHAM	202
2	11.00	MTWTH	WHAM	208
3	02.00	MTWTH	WHAM	202
4	04.00	MTWTH	WHAM	302
5	12.00	MTWTH	TECH A	308
6	05.45-07.25	M W	TECH A	310
311	TEACH SEC MATH /P/			03.0 CR
	PREREQ	MATH 301		
1	01.00	M W F	AG	220
319	INTR-ABSTRACT ALG			03.0 CR
	PREREQ	MATH 301 OR CONSENT OF DEPT		
1	12.00	M WTH	AG	116
2	04.00	M W F	PHY SA	156
321	ELEM MATRIX ALGEBRA			03.0 CR
	PREREQ	MATH 150A OR 140B		
1	11.00	M W F	TECH A	220
2	08.00	M W F	PHY SA	156
325	INTRO-NUMBER THEORY			03.0 CR
	PREREQ	MATH 301 OR CONSENT OF DEPARTM		
		ENT		
1	10.00	M W F	0861	101
335B	CONCEPTS OF GEOM			03.0 CR
	PREREQ	MATH 335A		
1	09.00	MT TH	TECH A	210
352	INTRO TO ANALYSIS			03.0 CR
	PREREQ	MATH 301 OR CONSENT OF DEPT		
1	12.00	W F	PHY SC	116
	12.00	M	PHY SA	160
2	12.00	M W F	PHY SA	358
395	READINGS IN MATH		02.0 TO 12.0	CR
	PREREQ	CONSENT OF DEPT		
1	TO BE ARRANGED			

400	HISTORY OF MATH			03.0 CR
	PREREQ	MATH 301	OR CONSENT OF INSTR	
1	11.00		M W F	TECH A 208
410C	STAT ANALYSIS			04.0 CR
	PREREQ	410B		
1	10.00		MT THF	TECH A 358
410D	STAT ANALYSIS			04.0 CR
	PREREQ	410B		
1	01.00		MT THF	TECH A 358
419B	ALGEBRAIC STRUCTURE			03.0 CR
	PREREQ	MATH 419A		
1	03.00		TW F	PHY SA 358
421B	LINEAR ALGEBRA			03.0 CR
	PREREQ	MATH 421A		
1	09.00		M W F	TECH A 320
2	12.00		T THF	PHY SA 458
425	THEORY OF NUMBERS			03.0 CR
	PREREQ	MATH 325	OR CONSENT OF INSTR	
1	02.00		M W F	PHY SA 358
428B	BOOL ALG-SWI THEORY			03.0 CR
	PREREQ	MATH 428A		
1	04.00		M W F	PHY SA 278
2	04.00		M W F	TECH A 208
430	PROJECTIVE GEOMETRY			04.0 CR
	PREREQ	252A, 301	OR CONSENT OF INSTR	
1	09.00		MTW F	PHY SA 278
452C	ADVANCED CALCULUS			03.0 CR
	PREREQ	MATH 452B		
1	09.00		MT THF	PHY SA 358
455C	ADV MATH-PHYS SCI			03.0 CR
	PREREQ	MATH 305B	OR CONSENT OF INSTR	
1	12.00		TW F	TECH A 120
2	04.00		M W F	PHY SA 258
475C	NUMERICAL ANALYSIS			03.0 CR
	PREREQ	MATH 475B		
1	03.00		M W F	PHY SA 278
480C	PROBABILITY			03.0 CR
	PREREQ	MATH 480B		
1	10.00		M W F	PHY SA 278
483C	INTRO MATH STAT			03.0 CR
	PREREQ	MATH 483B		
1	12.00		M W F	PHY SA 278
501C	REAL ANALYSIS			03.0 CR
	PREREQ	MATH 501B		
1	01.00		T THF	TECH A 120
502	ADV TOP ORD DIF EQ			03.0 TO 18.0 CR
	PREREQ	CONSENT OF INSTRUCTOR		
1	10.00-11.50		T TH	PHY SC 410
505C	TH ORDIN DIFF EQUAT			03.0 CR
	PREREQ	MATH 505B		
1	09.00		M W F	TECH B 20
507C	PARTIAL DIFF EQUAT			03.0 CR
	PREREQ	MATH 507B		
1	10.00		M W F	TECH B 20
512	ADV TOP MATH LOGIC			03.0 CR
	PREREQ	426B	OR CONSENT OF INSTR	
1	12.00		MT TH	TECH A 122
520C	MODERN ALGEBRA			03.0 CR
	PREREQ	MATH 520B		
1	03.00		M W F	PHY SA 258
522	ADV TOPICS-ALGEBRA			03.0 CR
	PREREQ	MATH 520B		
1	02.00-03.50		M W	TECH A 122
528C	THEORY OF AUTOMATA			03.0 CR
	PREREQ	MATH 528B		
1	04.00		M W F	PHY SA 358
530C	GENERAL TOPOLOGY			03.0 CR
	PREREQ	530B		
1	02.00		T THF	TECH A 422

531C	ALGEBRAIC TOPOLOGY				03.0 CR
	PREREQ MATH 531B				
1	02.00	T TH	PHY SA	358	
	02.00	F	TECH A	120	
532	ADV TOPICS TOPOLOGY	03.0	TO 18.0	CR	
	PREREQ MATH 530B				
1	01.00-02.50	M W	TECH B	20	
536	DIFFERENTIAL GEOM		03.0	CR	
	PREREQ MATH 452C				
1	09.00	M W	TECH A	120	
	09.00	F	WHAM	212	
550E	SEM IN MATH EDUC		01.0	CR	
	PREREQ CONSENT OF INSTR				
1	11.00	T	PHY SA	358	
2	11.00	TH	PHY SA	358	
551C	FUNCTIONAL ANALYSIS		03.0	CR	
	PREREQ MATH 551B				
1	01.00	T THF	TECH B	20	
552	ADV TOPICS-ANALYSIS	03.0	TO 18.0	CR	
	PREREQ CONSENT OF DEPT				
1	09.00-10.50	T TH	TECH B	20	
555C	COMPLEX ANALYSIS		03.0	CR	
	PREREQ MATH 555R				
1	11.00	M W F	PHY SA	358	
580C	MATH METH OF STAT		03.0	CR	
	PREREQ MATH 580B				
1	10.00	M F	TECH A	120	
	10.00	W	PHY SA	358	
595A	SP PROJ ALGEBRA	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595B	SP PROJ GEOMETRY	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595C	SP PROJ ANALYSIS	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595D	SP PROJ PROB & STAT	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595E	SP PROJ MATH EDUC	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595F	SP PROJ LOGIC & FOU	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595G	SP PROJ TOPOLOGY	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595H	SP PROJ AP MATH	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595I	SP PROJ DIF EQUAT	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
595J	SP PROJ NUMBER THEO	01.0	TO 10.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS	01.0	TO 09.0	CR	
1	TO BE ARRANGED				
600	DISSERTATION	01.0	TO 48.0	CR	
1	TO BE ARRANGED				

### Microbiology (MICR)

302	GENERAL MICRO				05.0 CR
	PREREQ 301				
1	08.00	M W F	LS I	16	MCCLARY DAN O
	09.00	F	LS I	6	
	09.00-10.50	M W	LS I	6	
2	08.00	M W F	LS I	16	MCCLARY DAN O
	11.00-12.50	M W	LS I	6	
	01.00	F	LS I	6	



3	08.00	M W F	LS I	16	MCCLARY DAN O
	01.00-02.50	M W	LS I	6	
	02.00	F	LS I	6	
4	08.00	M W F	LS I	16	MCCLARY DAN O
	03.00-04.50	M W	LS I	6	
	03.00	F	LS I	6	
390	UNDERGRAD RES PART		02.0 TO 05.0	CR	
	PREREQ 4.00 GPA IN MICR AND/OR				
	CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
441	VIROLOGY LECTURE			03.0	CR
	PREREQ MICR 302				
1	09.00	MTWTH	LS II	130	SHECHMEISTER ISAAC L
442	VIROLOGY LABORATORY			03.0	CR
	PREREQ PREVIOUS OR CONCURRENT ENROLLM				
	ENT IN MICR 441-3				
1	01.00-03.50	T TH	LS II	113	
2	01.00-03.50	T TH	LS II	113	
500	SEMINAR			01.0	CR
1	10.00-11.50	F	LS I	16	
504	METH OF MICRO RES			05.0	CR
1	TO BE ARRANGED				OGUR MAURICE
511	RESEARCH			01.0 TO 15.0	CR
1	TO BE ARRANGED				
528	READINGS IN MICRO			01.0 TO 10.0	CR
1	TO BE ARRANGED				
542	MOLECULAR VIROLOGY			03.0	CR
	PREREQ MICR 541				
1	08.00	MTW	LS II	130	ROUHANDEH HASSAN
543	MOLECULAR VIR LAB			03.0	CR
	PREREQ MICRO 541				
1	TO BE ARRANGED				
599	THESIS			03.0 TO 09.0	CR
1	TO BE ARRANGED				
600	DISSERTATION			03.0 TO 48.0	CR
1	TO BE ARRANGED				

### Music (MUS)

001B	SYMPHONIC BAND			01.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	02.00	M W F	ALTG	114	KOENIGSTEIN NICHOLA
001C	STAGE BAND			01.0	CR
	PREREQ AUDITION				
1	05.30-07.00	W	ALTG	114	LEMASTERS DONALD D
2	07.00-09.00 PM	W	ALTG	114	LEMASTERS DONALD
3	07.00-09.00 PM	TH	ALTG	114	STIMAN HAROLD
001E	WIND ENSEMBLE			01.0	CR
	PREREQ AUDITION				
1	03.00-04.30	T TH	ALTG	114	SIENER MELVIN L
002A	UNIVERSITY CHOIR			01.0	CR
	PREREQ AUDITION				
1	04.00-05.30	T TH	ALTG	115	KINGSBURY ROBERT W
002B	UNIVERSITY SINGERS			01.0	CR
1	07.30-09.45 PM	M	H EC	140B	KINGSBURY ROBERT W
	CLASS ALSO MEETS IN	ALTG 115 & 116			
002C	MALE GLEE CLUB			01.0	CR
	PREREQ AUDITION				
1	08.00-09.30 PM	T TH	ALTG	115	KINGSBURY ROBERT W
002D	WOMEN-CHORAL ENSEM			01.0	CR
	PREREQ AUDITION				
1	03.00	M W	ALTG	115	TAYLOR CHARLES C
	03.00	F	ALTG	116	
002E	ANGEL FLT ANGELAIRE			01.0	CR
	PREREQ MEMBERSHIP IN S.I.U. ANGEL				
	FLIGHT				
1	07.30-09.00 PM	T TH	ALTG	248	TAYLOR CHARLES C
003A	UNIVERSITY ORCHESTR			01.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	07.00-09.45 PM	T	ALTG	114	STROUD JAMES H

003B	CHAMBER ORCHESTRA			01.0	CR	
	PREREQ	AUDITION				
1	03.00-04.30		F	ALTG	114	STRAWN RICHARD G
010A	CLASS APP-STRINGS				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	09.00		T TH	0555	7	POULOS HELEN
2	09.00		T TH	ALTG	114	STRAWN, RICHARD
010B	CLASS APP-WOODWINDS				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	08.00		T TH	0555	205	RESNICK ROBERT S
2	08.00		T TH	0555	7	HUSSEY, GFORGE
3	08.00		T TH	ALTG	301	INTRAVAIA, LAWRENCE
010C	CLASS APP-BRASS				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	11.00		T TH	ALTG	114	STIMAN HAROLD E
2	11.00		T TH	0555	7	NADAF-MASTERS
010D	CLASS APP-PERCUSS				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	10.00		T TH	ALTG	114	HANES, MICHAEL
010F	CLASS APP-PIANO				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	09.00		M W	0555	201	FRAZEE, MARJORIE
	KP3					
2	10.00		T F	0555	201	FRAZEE, MARJORIE
	KP2					
3	10.00		M W	0555	201	FRAZEE, MARJORIE
	KP1					
4	11.00		M W	ALTG	301	HARTLINE
	MM3					
5	11.00		T F	ALTG	301	HARTLINE
	MM4					
6	12.00		M W	ALTG	301	HARTLINE
	MM3					
7	12.00		T F	ALTG	301	HARTLINE
	MM2					
8	01.00		M W	ALTG	301	HARTLINE
	MM6					
9	01.00		T F	ALTG	301	HARTLINE
	MM5					
10	02.00		M W	ALTG	301	HARTLINE
	MM6					
11	02.00		T F	ALTG	301	HARTLINE
	MM1					
12	03.00		M W	0555	201	FRAZEE, MARJORIE
	KP3					
13	03.00		T F	0BF	201	FRAZEE, MARJORIE
	KP1					
010F	CLASS APP-VOICE				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST				
1	10.00		T TH	ALTG	248	KAGEFF BURT KEITH
2	01.00		T TH	ALTG	248	KAGEFF BURT KEITH
3	02.00		T TH	ALTG	248	KAGEFF, BURT
010G	CLASS APP-GUITAR				01.0	CR
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR COND INST				
1	10.00		T TH	0555	7	PARRILL KATHY
2	12.00		T TH	0555	7	PARRILL KATHY
105B	THEORY OF MUSIC				04.0	CR
	PREREQ	MUS 105A				
1	09.00		MTWTHF	ALTG	248	HUSSEY GEORGE A
105C	THEORY OF MUSIC				04.0	CR
	PREREQ	MUS 105B				
1	08.00		MTWTHF	ALTG	106	WEBB MARY ANN V
2	08.00		MTWTHF	ALTG	248	BARRUS CLYN
3	09.00		MTWTHF	ALTG	106	WERNER KENT

4	09.00	MTWTHF	ALTG	116	OLDFIELD, WILLARD A
106	SURVEY OF MUS LIT		03.0 CR		
	PREREQ	MAJOR/MINOR IN MUSIC			
1	01.00	M W F	ALTG	116	FLOYD SAMUEL
140A	PRIV APP	MUS-VIOLIN	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			POULOS HELEN E
	10.00	M	ALTG	106	
2	TO BE	ARRANGED			STRAWN RICHARD G
	10.00	M	ALTG	106	
3	TO BE	ARRANGED			WHARTON JOHN S
	10.00	M	ALTG	106	
140B	PRIV APP	MUS-VIOLA	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BARRUS CLYN
	10.00	M	ALTG	106	
140C	PRIV APP	MUS-CELLO	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			STROUD JAMES H
	10.00	M	ALTG	106	
140D	PRIV APP	MUS - BASS	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BRANCH LONDON G
	10.00	M	ALTG	106	
140E	PRIV APP	MUS-FLUTE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			RESNICK ROBERT S
	10.00	M	0555	7	
2	TO BE	ARRANGED			BOTTJE WILL G
	10.00	M	0555	7	
140F	PRIV APP	MUS-OBOE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			HUSSEY GEORGE A
	10.00	M	0555	7	
140G	PRIV APP	MUS-CLAR	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			RESNICK ROBERT S
	10.00	M	0555	7	
2	TO BE	ARRANGED			INTRAVAIA LAWRENCE
	10.00	M	0555	7	
140H	PRIV APP	MUS-BASSON	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			INTRAVAIA LAWRENCE
	10.00	M	0555	7	
140I	PRIV APP	MUS-SAX	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			RESNICK ROBERT S
	10.00	M	0555	7	
2	TO BE	ARRANGED			HUSSEY GEORGE A
	10.00	M	0555	7	
3	TO BE	ARRANGED			INTRAVAIA, LAWRENC
	10.00	M	0555	7	
140J	PRIV APP	MUS-PERCUS	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			HANES
	10.00	M	ALTG	114	
140K	PRIV APP	MUS-PIANO	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			FRAZEE, MARJORIE
	10.00	M	SHRY	1	

2	TO BE	ARRANGED				DENKER FRED H
	10.00		M	SHRY	1	
3	TO BE	ARRANGED				BARWICK, STEVEN
	10.00		M	SHRY	1	
4	TO BE	ARRANGED				MUELLER, ROBERT
	10.00		M	SHRY	1	
5	TO BE	ARRANGED				WERNER, KENT
	10.00		M	SHRY	1	
6	TO BE	ARRANGED				KIDD, JAMES
	10.00		M	SHRY	1	
140L	PRIV APP	MUS-F HORN	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				NADAF GEORGE
	10.00		M	ALTG	116	
140M	PRIV APP	MUS-TRUMP	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				LEMASTERS DONALD D
	10.00		M	ALTG	116	
2	TO BE	ARRANGED				OLSSON PHILLIP H
	10.00		M	ALTG	116	
140N	PRIV APP	MUS-TRBONE	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				STIMAN HAROLD E
	10.00		M	ALTG	116	
140O	PRIV APP	MUS-TURA	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				STIMAN HAROLD E
	10.00		M	ALTG	116	
140P	PRIV APP	MUS-BATONE	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				STIMAN HAROLD E
	10.00		M	ALTG	116	
140Q	PRIV APP	MUS-VOICE	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				KAGEFF BURT KEITH
	10.00		M	ALTG	115	
2	TO BE	ARRANGED				TAYLOR WILLIAM KLETT
	10.00		M	ALTG	115	
3	TO BE	ARRANGED				LAWRENCE MARJORIE
	10.00		M	ALTG	115	
4	TO BE	ARRANGED				WALLACE MARY ELAINE
	10.00		M	ALTG	115	
140R	PRIV APP	MUS-ORGAN	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				WEBB MARY ANN V
	10.00		M	0555	101	
140S	PRIV APP	MUS-HARPCH	01.0	TO 04.0	CR	
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	TO BE	ARRANGED				OLDFIELD ALAN
	10.00		M	0812	112	
200	FUNDAMENTALS-MUSIC			03.0	CR	
1	12.00		M W	ALTG	115	POULOS, HELEN
	12.00		TH	0555	201	
2	12.00		M W	ALTG	115	POULOS, HELEN
	12.00		F	0555	201	
3	01.00		M W	ALTG	248	PACE, KAY
	01.00		TH	0555	201	
4	01.00		M W	ALTG	248	PACE, KAY
	01.00		F	0555	201	
5	02.00		M W	ALTG	248	PACE, KAY
	02.00		TH	0555	201	
6	02.00		M W	ALTG	248	PACE, KAY
	02.00		F	0555	201	

205C	THEORY OF MUSIC		03.0 CR		
	PREREQ	205B			
1	11.00	MTWTHF	ALTG	106	OLDFIELD, ALLEN
2	11.00	MTWTHF	ALTG	248	MUELLER ROBERT E
3	11.00	MTWTHF	ALTG	116	DENKER FRED
240	PRIV APP MUS		01.0 TO 04.0 CR		
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			

See MUS 140 for listing.

300A	EL MUS METH-MUS MAJ		03.0 CR		
	PREREQ	200 OR EQUIVALENT			
1	10.00	M W F	ALTG	248	MCHUGH CATHERINE
300B	EL METH-NON MAJ 4-6		03.0 CR		
	PREREQ	MUS 200-3 OR EQUIV			
1	12.00	M W F	ALTG	248	MCHUGH CATHERINE
300C	EL METH-NON MAJ K-3		03.0 CR		
	PREREQ	MUS 010E-3 OR EQUIV			
1	03.00	M W F	ALTG	248	MCHUGH CATHERINE
309B	ARRANGING		02.0 CR		
	PREREQ	309A			
1	12.00	T TH	ALTG	106	INTRAVAIA LAWRENCE
312B	COMPOSITION		02.0 CR		
	PREREQ	312A			
1	TO BE ARRANGED				OLDFIELD ALAN
312C	COMPOSITION		02.0 CR		
	PREREQ	312B			
1	TO BE ARRANGED				OLDFIELD WILLARD A
318B	CONDUCTING		02.0 CR		
	PREREQ	318A			
1	12.00	T TH	ALTG	115	STRAWN RICHARD
318C	CONDUCTING		02.0 CR		
	PREREQ	318A			
1	12.00	T TH	ALTG	248	KOENIGSTEIN, NICK
326C	ANALYSIS		02.0 CR		
	PREREQ	326B			
1	02.00	T TH	ALTG	106	BOTTJE, WILL GAY
340	PRIV APP MUS		01.0 TO 04.0 CR		
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			

See MUS 140 for listing.

341	ACCOMPANYING LAB		01.0 CR		
1	TO BE ARRANGED				FRAZEE, MARJORIE
346	OPERA WORKSHOP		02.0 TO 36.0 CR		
1	03.00	T TH	ALTG	115	LAWRENCE MARJORIE
	03.00-04.50	F	ALTG	115	
	07.00-10.00 PM	WTH	ALTG	116	
357C	MUSIC HIST & LIT		03.0 CR		
	PREREQ	MUS 105C OR CONSENT OF INSTRUCTOR			
1	10.00	TWTHF	ALTG	116	KIDD, JAMES
2	10.00	T TH	ALTG	116	KIDD, JAMES
	02.00	T TH	ALTG	116	
3	10.00	T TH	ALTG	116	KIDD, JAMES
	02.00	W F	ALTG	116	
365A	CHAMBER MUS-VOCAL		01.0 CR		
1	04.00	M W	ALTG	115	KINGSBURY ROBERT W
365B	CHAMBER MUS-STRING		01.0 CR		
1	03.00	T TH	ALTG	301	POULOS HELEN E
2	TO BE ARRANGED				STRAWN, RICHARD
365C	CHAMBER MUS-WOODWND		01.0 CR		
1	TO BE ARRANGED				HUSSEY GEORGE A
2	TO BE ARRANGED				RESNICK
365D	CHAMBER MUS-BRASS		01.0 CR		
1	03.00	M W	ALTG	114	NADAF GEORGE
2	TO BE ARRANGED				KOENIGSTEIN, NICK
365E	CHAMBER MUS-PERCUSS		01.0 CR		
1	TO BE ARRANGED				HANES, MICHAEL



405	SEM-INSTRUM MUS ED	03.0 CR	
	PREREQ MUS 305I		
1	TO BE ARRANGED		
409	BAND ARRANGING	02.0 CR	
	PREREQ MUS 309A OR EQUIV		
1	10.00 W F ALTG 115		INTRAVAIA LAWRENCE E
411B	CHORAL LITERATURE	03.0 CR	
1	TO BE ARRANGED		KINGSBURY
414	COLLEGIUM MUSICUM	02.0 TO 06.0 CR	
	PREREQ MUSIC CONCENTRATION AND/OR		
	CONSENT OF DEPARTMENT		
1	01.00 T TH 0813 100		EDDINS, JOHN
420	MUS EDUC PRACTICUM	01.0 TO 03.0 CR	
1	TO BE ARRANGED		KOENIGSTEIN NICK
430	STAGE BAND ARRANGNG	02.0 CR	
	PREREQ 309A		
1	TO BE ARRANGED		STIMAN HAROLD E
440	PRIV APP MUS	01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON		
	SAME INSTR OR CONSENT		

See MUS 140 for listing.

441C	COUNTERPOINT	02.0 CR	
	PREREQ 441B		
1	01.00 T TH ALTG 106		WERNER, KENT
444B	INTERMEDIATE COMP	02.0 CR	
	PREREQ 444A		
1	TO BE ARRANGED		OLDFIELD ALAN
444C	INTERMEDIATE COMP	02.0 CR	
	PREREQ 444B		
1	TO BE ARRANGED		OLDFIELD WILLARD A
460	TEACHING MUS APPREC	03.0 CR	
1	08.00 M W F ALTG 115		FLOYD, SAMUEL
462	TEACH TECH AND MAT	02.0 CR	
	PREREQ 461		
1	TO BE ARRANGED		KAGEFF, BURT
468	MUSIC PRODUCTIONS	02.0 TO 12.0 CR	
1	01.00 T F SHRY 1		WALLACE MARY ELAINE
481	READINGS IN THEORY	02.0 TO 06.0 CR	
1	01.00 M W F ALTG 115		MUELLER, ROBERT
482	READ IN HIST & LIT	02.0 TO 06.0 CR	
1	TO BE ARRANGED		DENKER, FRED
483	READ IN MUS EDUC	02.0 TO 06.0 CR	
1	TO BE ARRANGED		GORDON, RODERICK
499	INDEPENDENT STUDY	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		GORDON, RODERICK
502C	ANALYTIC TECHNIQUES	02.0 CR	
	PREREQ MUS 502B		
1	02.00 T TH ALTG 115		MUELLER ROBERT E
507	19TH CENTURY MUSIC	03.0 CR	
1	02.00 M W F ALTG 106		BARWICK, STEVEN
522	SEM MUS HIST-LIT	03.0 CR	
1	TO BE ARRANGED		DENKER, FRED
531	ADV COMPOSITION	02.0 TO 09.0 CR	
	PREREQ 312C, 342C, AND CONSENT OF		
	INSTRUCTOR		
1	TO BE ARRANGED		BOTTJE WILL G
540	PRIV APP MUS	01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON		
	SAME INSTR OR CONSENT		

See MUS 140 for listing.

545	PEDAGOGY-MUS THEORY	03.0 TO 09.0 CR	
1	12.00 M W F ALTG 106		MUELLER ROBERT E
556	ADV CONDUCTING	02.0 TO 06.0 CR	
1	TO BE ARRANGED		KINGSBURY, ROBERT
2	TO BE ARRANGED		STROUD, JAMES
3	TO BE ARRANGED		SIENER, MELVIN
560	SEM-MUS EDUC	02.0 TO 03.0 CR	
1	01.00 M W F ALTG 106		GORDON RODERICK

566	INST ENSEMBLE	01.0 TO 12.0 CR	SIENER MELVIN
1	TO BE ARRANGED		
567	VOCAL ENSEMBLE	01.0 TO 12.0 CR	KINGSBURY ROBERT W
1	TO BE ARRANGED		
568	OPERA WORKSHOP	02.0 TO 12.0 CR	
1	03.00	T TH ALTG 115	LAWRENCE MARJORIE
	03.00-04.50	F ALTG 115	LAWRENCE MARJORIE
	07.00-10.00 PM	WTH ALTG 116	LAWRENCE MARJORIE
598	GRADUATE RECITAL	06.0 CR	
1	TO BE ARRANGED		GORDON, RODERICK
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		GORDON, RODERICK

## Philosophy (PHIL)

301	PHIL OF RELIGION	04.0 CR	
1	10.00	MTWTH WHAM 228	
320	DEDUCTIVE LOGIC	04.0 CR	
1	02.00	MTW H EC 206	CLARKE DAVID S
	02.00	TH 0721 101	
342	SOCIAL PHILOSOPHY	04.0 CR	
1	02.00-03.50	T TH LS II 350	
345	BLACK SOCIAL PHIL	03.0 CR	
	PREREQ JR STANDING OR PERMISSION OF DEPT		
1	03.00	T THF H EC 203	ALLEN DOUGLAS M
360	PHIL OF ART	04.0 CR	
1	02.00-03.50	T TH 0861 101	TENNEY CHARLES D
415	LOGIC OF SOCIAL SCI	03.0 CR	
1	11.00	T TH H EC 203	MCCLURE GEORGE T
	11.00	F WHAM 208	
424	ADV FORMAL LOGIC	03.0 CR	
	PREREQ PHIL 320		
1	01.00	M W F 0871 101	
441	PHIL OF POLITICS	04.0 CR	
	PREREQ GSC 102 OR PHIL 340 OR CONSENT OF INS		
1	03.00	MTWTH 0871 101	DIEFENBECK
465	BRITISH MORALISTS	03.0 CR	
	PREREQ 340 OR CONSENT OF DEPT		
1	02.00	M WTH H EC 201	LEYS
478	SEM LAT AM THOUGHT	04.0 CR	
1	07.00-09.30 PM	T H EC 201	FRONDIZI
482	RECENT EUROP PHIL	03.0 CR	
1	10.00	M W F H EC 208	GILLAN GARTH J
490	SPECIAL PROBLEMS	02.0 TO 12.0 CR	
	PREREQ CONSENT OF INST REQ IN ALL CASES		
1	TO BE ARRANGED		HAHN LEWIS EDWIN
497B	HONORS	04.0 CR	
	PREREQ 497A		
1	04.00-06.30	W H EC 122A	KELLY
500	METAPHYSICS	04.0 CR	
1	07.00-09.30 PM	W H EC 202	PLOCHMANN
505	PHIL OF SCIENCE	04.0 CR	
1	04.00-06.30	W H EC 202	AUDI
577C	DEWEY	04.0 CR	
1	07.00-09.30 PM	M H EC 208	EAMES
	TOPIC-DEWEYS ETHICS		
590	GEN GRAD SEMINAR	02.0 TO 12.0 CR	
1	TO BE ARRANGED		HAHN LEWIS EDWIN
2	04.00-06.30	T H EC 104	
	TOPIC-PEIRCE		
3	04.00-06.30	M H EC 208	
591	READINGS IN PHIL	01.0 TO 05.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		HAHN LEWIS EDWIN
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		HAHN LEWIS EDWIN
600	DISSERTATION	03.0 TO 48.0 CR	
1	TO BE ARRANGED		HAHN LEWIS EDWIN

# Physical Education for Men (PEM)

100A	M TEACH SWIMMING			02.0 CR	
	PREREQ	IF NONSWIMMER--AUDIT	GSE 100A		
		BEG SWIM			
1	08.00-08.40	M W F	PULL P 11	ESSICK RAYMOND B	
2	08.45-09.25	M W F	PULL P 11	ESSICK RAYMOND B	
100B	M TEACH GOLF		01.0 CR		
1	08.00	M W	ARENA 555	HOLDER LYNN C	
2	08.00	T TH	ARENA 555	HOLDER LYNN C	
3	09.00	T TH	ARENA 555	HOLDER LYNN C	
100C	M TEACH TENNIS		01.0 CR		
1	08.00	M W	TENNIS 100	WILKINSON JAMES J	
2	08.00	T TH	TENNIS 100	WILKINSON JAMES J	
100D	M TCH IND-TEAM ACT		01.0 CR		
1	09.00	MT TH	ARENA 555	DEVINE DONALD W	
2	10.00	MT TH	ARENA 555	DEVINE DONALD W	
3	12.00	M W F	PULL 102	BELL LARRY R	
100E	M TCH BASIC RHYTHMS		01.0 CR		
1	10.00	M W F	ARENA 555	FRANKLIN C C JR	
2	02.00	M W F	ARENA 555	FRANKLIN C C JR	
100F	M TCH EXER-FITNESS		02.0 CR		
1	12.00	M W	ARENA 555	GOOD LARRY	
	12.00	F	ARENA 125	GOOD LARRY	
100G	M TEACH FOOTBALL		02.0 CR		
1	01.00-02.50	M W	ARENA 555	MAZIE ROBERT	
2	01.00-02.50	T TH	ARENA 555	HAILEY ROBERT L	
100H	M TEACH BASKETBALL		02.0 CR		
1	11.00	MTW	ARENA 555	IUBELT GEORGE	
	11.00	F	ARENA 123	IUBELT GEORGE	
2	09.00	MTW	ARENA 555	IUBELT GEORGE	
	12.00	F	ARENA 123	IUBELT GEORGE	
100I	M TEACH BASEBALL		02.0 CR		
1	01.00-02.50	M W	ARENA 555	GURLEY HARRY	
2	01.00-02.50	T TH	ARENA 555	JONES RICHARD C	
100J	M TEACH TRACK-FIELD		02.0 CR		
1	01.00-02.50	T TH	ARENA 555	HARTZOG LEWIS B	
100K	M TEACH GYMNASTICS		02.0 CR		
1	12.00	MTW F	ARENA 555	MEADE WILLIAM T	
100M	M TEACH WRESTLING		02.0 CR		
1	10.00	MTWTH	ARENA 123	LONG LINN L	
101	ORIENT-PRACT P E		02.0 CR		
1	11.00	T TH	ARENA 123	MARTIN MORRIS GLENN	
172	VARSITY TRACK		02.0 CR		
1	03.00	MTWTHF	STAD 18	HARTZOG LEWIS B	
173	VARSITY TENNIS		02.0 CR		
1	03.00	MTWTHF	TENNIS 100	LEFFVRE JOHN R	
175	VARSITY BASEBALL		02.0 CR		
1	03.00	MTWTHF	ARENA 555	JONES RICHARD C	
176	VARSITY GOLF		02.0 CR		
1	03.00	MTWTHF	ARENA 555	HOLDER LYNN C	
230A	BEGIN TECH BALLET		02.0 CR		
1	03.00	M	GYM 206		
	03.00-04.50	W F	GYM 206		
230B	INTERMED&ADV BALLET		02.0 TO 22.0 CR		
	PREREQ	PEM 230A OR CONSENT OF INSTR			
1	04.00	M	GYM 206	DAVIDSON ELLEVA J	
	03.00-04.50	T TH	GYM 206		
303	SEE PEW FOR REGISTRATION				
	KINESIOLOGY		05.0 CR		
	PREREQ	PHSL 300			
1	08.00	MTWTHF	GYM 204	THORPE JOANNE LEE	
	CROSS-LISTED WITH PEW				
2	11.00	T THF	LAWSON 121	GOOD LARRY	
	11.00	M W	LS II 2850		
305	PE - ATYPICAL STUD		03.0 CR		
	PREREQ	PHSL 300			
1	09.00	T TH	ARENA 125	OKITA TED Y	
317	LIFE SAV&WATER SAFE		01.0 CR		
1	02.15-03.15	T TH	PULL P 11	CARROLL PETER J	
	12.00	M	ARENA 123		
	CROSS-LISTED WITH PEW, MEETS FIRST NINE WEEKS ONLY				

320	PHSL MUSCULAR ACT		04.0	CR	
	PREREQ GSA 301				
1	02.00	MTWTH	ARENA	125	
330B	THEO FOOTBALL COACH		02.0	CR	
	PREREQ PEM 217				
1	08.00	MTW	ARENA	123	TOWERS RICHARD E
	MEETS FIRST 9 WEEKS ONLY				
331D	TH WRESTLING COACH		02.0	CR	
	PREREQ 100M				
1	07.00-09.00 PM	M	ARENA	123	LONG LINN
341	PRIN OF P E		03.0	CR	
	PREREQ SENIOR STANDING				
1	10.00	M W F	ARENA	121	BOOKWALTER
350	M-M TEACH PE EL SCH		03.0	CR	
1	01.00	MTWTH	ARENA	125	FRANKLIN C C JR
354	ORG-ADM PHY ED-ATHL		03.0	CR	
1	08.00	M W F	ARENA	125	BOOKWALTER
355	ASSISTING TECH		02.0	CR	
1	06.00	PM M	ARENA	125	WILKINSON JAMES J
	TO BE ARRANGED				WILKINSON JAMES J
370	TESTS MEAS PHY ED		04.0	CR	
1	03.00-04.50	M W	LAWSON	121	CARROLL PETER J
	09.00-10.50	T	TECH A	405	
2	03.00-04.50	M W	LAWSON	121	
	09.00-10.50	TH	TECH A	405	
376	CARE-PREV ATH INJ		03.0	CR	
	PREREQ PHSL 300				
1	12.00	MTWTH	ARENA	125	GREENE
377	HORSEBACK RIDING		01.0	CR	
1	TO BE ARRANGED				ILLNER JULEE
	SEE PEW FOR REGISTRATION				
378	CANOEING-BOATING		01.0	CR	
	PREREQ INTERMEDIATE SWIMMING OR EQUIV				
1	TO BE ARRANGED				ILLNER JULEE
	SEE PEW FOR REGISTRATION				
475A	IND RES-DANCE		02.0 TO 04.0	CR	
1	TO BE ARRANGED				
	CROSS-LISTED WITH PEW				
475B	IND RES-KINESIOLOGY		02.0 TO 04.0	CR	
1	TO BE ARRANGED				THORPE JOANNE LEE
	CROSS-LISTED WITH PEW				
475C	IND RES-MEASUREMENT		02.0 TO 04.0	CR	
1	TO BE ARRANGED				WEST CHARLOTTE
	CROSS-LISTED WITH PEW				
475D	IND RES-MOTOR DEVEL		02.0 TO 04.0	CR	
1	TO BE ARRANGED				
	CROSS-LISTED WITH PEW				
475E	IND RES-PHSL OF EX		02.0 TO 04.0	CR	
1	TO BE ARRANGED				
	CROSS-LISTED WITH PEW				
475F	IND RES-HIST & PHIL		02.0 TO 04.0	CR	
1	TO BE ARRANGED				
	CROSS-LISTED WITH PEW				
501	CURRICULUM IN PE		04.0	CR	
1	07.00-09.30 PM	M	GYM	204	DAVIES DOROTHY
	CROSS-LISTED WITH PEW				
503	SEMINAR IN P E		04.0	CR	
1	07.00-09.30 PM	W	ARENA	125	SHEA EDWARD J
	CROSS-LISTED WITH PEW				
504	RESEARCH PROJECTS		04.0	CR	
	PREREQ 500				
1	TO BE ARRANGED				
	CROSS-LISTED WITH PEW				
517	ATH & PE FACILITY		04.0	CR	
	PREREQ PEM 354 OR EQUIV - CONSENT OF				
	INSTR				
1	07.00-09.30 PM	TH	ARENA	123	STOTLAR
520	METABOLIC ANAL-HUM		04.0	CR	
	PREREQ PEM 420				
1	07.00-09.30 PM	TH	ARENA	125	KNOWLTON RONALD G



525	READING IN P E	01.0 TO 06.0 CR	
1	TO BE ARRANGED		SHEA EDWARD J
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		SHEA EDWARD J
600	DISSERTATION	02.0 TO 48.0 CR	
1	TO BE ARRANGED		SHFA EDWARD J

### Physical Education for Women (PEW)

211	INTERMED SWIMMING	01.0 CR	
	PREREQ PASS BEGINNING SWIM TEST		
1	01.00 M W F PULL P 11		ILLNER JULEE
2	02.00 M W F PULL P 11		COOPER CAROL
228	TENNIS	01.0 CR	
1	10.00-11.30 T TH GYM 207		COTTEN SARAH ELLEN
2	11.00-12.30 T TH GYM 207		COTTEN SARAH ELLEN
3	02.00-03.30 T TH GYM 207		BRECHTELSBAUER KAY
230A	BEGIN TECH BALLET	02.0 CR	
1	03.00-04.30 W F GYM 206		LEWIS
	03.00 M GYM 206		
	CROSSLISTED WITH THEA 230A		
230B	INTERMED&ADV BALLET	02.0 TO 22.0 CR	
	PREREQ PEW 230A OR CONSENT OF INSTR		
1	04.00 M GYM 206		DAVIDSON ELLEVA J
	03.00-04.50 T TH GYM 206		DAVIDSON ELLEVA J
	CROSS-LISTED WITH THEA 230B		
240	THEO-TECH CONT DNCE	02.0 TO 24.0 CR	
1	09.00-10.30 MTWTH 0813 101		GRAY WINSTON G
	CROSS-LISTED WITH THEA 240		
272	TAP DANCE	01.0 CR	
1	11.00-12.30 T TH GYM 114		LITHERLAND BARBARA A
273	DANCE WORKSHOP	01.0 TO 06.0 CR	
1	07.00-09.00 PM T TH 0813 101		GRAY WINSTON G
2	05.00-07.00 T TH 0813 101		LEWIS
	CROSS-LISTED WITH THEA 273		
303	KINESIOLOGY	05.0 CR	
	PREREQ ANATOMY		
1	08.00 MTWTHF GYM 204		THORPE JOANNE LEE
2	11.00 T THF LAWSON 121		GOOD LARRY
	11.00 M W LS II 2850		
	CROSS-LISTED WITH PEM 303		
304E	TECH-TEACH SPORTS	02.0 CR	
	PREREQ PEW 228 OR EQUIV		
1	10.00-11.30 W F GYM 207		POTTER MARJORIE BOND
317	LIFE SAV WATER SAFE	01.0 CR	
	PREREQ PASS INTERMED SWIM TEST		
1	12.00 M ARENA 123		CARROLL PETER J
	02.15-03.15 T TH PULL P 11		
	MEETS FIRST NINE WEEKS-CROSSLISTED WITH PEM 317		
319	TCHG ELEM SCH ACT	04.0 CR	
	PREREQ PSYC 301 OR GUID 305		
1	08.00 MTWTH GYM 207		WEST CHARLOTTE
2	09.00 MTWTH GYM 208		POTTER MARJORIE BOND
3	03.00 MTWTH GYM 208		POTTER MARJORIE BOND
4	04.00-05.50 M W GYM 208		ZIMMERMAN HELEN
5	04.00-05.50 T TH GYM 208		ZIMMERMAN HELEN
6	07.00-09.00 PM M TH GYM 208		ZIMMERMAN HELEN
350	MATS METH ELEM SCH	05.0 CR	
1	01.00 MTWTHF GYM 207		STEHK JEAN
2	05.00 M GYM 207		WOOD SHIRLEY JFAN
	05.00-06.50 TW GYM 207		WOOD SHIRLEY JEAN
353	ORGAN & ADMIN OF PE	04.0 CR	
	PREREQ PEW 354		
1	09.00 MTWTH GYM 204		DAVIES DOROTHY
2	03.00 MTWTH GYM 204		WOOD SHIRLEY
355	TECH OF TEACH SWIM	03.0 CR	
	PREREQ PEW 211 OR EQUIV		
1	03.00 M W F PULL P 11		COOPER CAROL
374	ADVANCED FOLK DANCE	01.0 CR	
	PREREQ PEW 222 OR EQUIV		
1	02.00 T TH GYM 114		STEHK JEAN



377	HORSEBACK RIDING			01.0 CR	
1	09.00-10.50	TH	GYM	114	ILLNER JULEE
2	09.00-10.50	T	GYM	114	ILLNER JULEE
378	CANOEING & BOATING			01.0 CR	
	PREREQ PASS SWIM TEST				
1	11.00-12.30	M W	GYM	114	ILLNER JULEE
379	PRECLASS DANCE FORM			03.0 CR	
	PREREQ PEW 212 OR CONSENT OF INSTR				
1	02.00	MT TH	0813	101	LEWIS
	CROSSLISTED WITH THEA 379				
416	THEORIES OF DANCE			04.0 CR	
1	01.00	M WTHF	0813	101	DAVIDSON ELLEVA J
	CROSSLISTED WITH THEA 416				
475A	IND RES-DANCE			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
475B	IND RES-KINESIOLOGY			02.0 TO 04.0 CR	
1	TO BE ARRANGED				THORPE JOANNE LEE
475C	IND RES-MEASUREMENT			02.0 TO 04.0 CR	
1	TO BE ARRANGED				WEST CHARLOTTE
475D	IND RES-MOTOR DEVEL			02.0 TO 04.0 CR	
1	TO BE ARRANGED				POTTER
475E	IND RES-PHSL OF EX			02.0 TO 04.0 CR	
1	TO BE ARRANGED				KNOWLTON
475F	IND RES-HIST & PHIL			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
501	CURRICULUM IN P E			04.0 CR	
1	07.00-09.30 PM M		GYM	204	DAVIES DOROTHY
	CROSSLISTED WITH PEM 501				
503	SEMINAR IN P E			04.0 CR	
1	07.00-09.30 PM W		ARENA	125	SHEA EDWARD J
	CROSSLISTED WITH PEM 503				
504	RESEARCH PROJECTS			04.0 CR	
	PREREQ 500 OR EQUIV				
1	TO BE ARRANGED				
517	ATH & PE FACILITY			04.0 CR	
	PREREQ PEW 353 OR EQUIV - CONSENT OF INSTR				
1	07.00-09.30 PM TH		ARENA	123	STOTLAR
525	READINGS			01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				THORPE JOANNE LEE
600	DISSERTATION			02.0 TO 48.0 CR	
1	TO BE ARRANGED				

### Physics (PHYS)

111C	COLLEGE PHYSICS			03.0 CR	
	PREREQ ADV STANDING IN MATH 111A				
1	02.00	TWTHF	PARK	308	ZIMMERMAN J R
2	02.00	MTWTH	PARK	308	
112C	COLLEGE PHYS LAB			01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 111				
1	03.00-05.50	W	PHY SC	407	HAAK RICHARD A
2	06.00-08.50 PM M		PHY SC	407	HAAK RICHARD A
206A	COLLEGE PHYSICS			03.0 CR	
	PREREQ MATH 111B				
1	08.00	MTW F	PARK	309	
2	08.00	M WTHF	PARK	309	
206B	COLLEGE PHYSICS			03.0 CR	
	PREREQ PHYS 206A OR 206C				
1	12.00	T	PARK	309	WALKER RONALD
	12.00	M W F	PARK	309	PEARSON EDWIN F
206C	COLLEGE PHYSICS			03.0 CR	
	PREREQ PHYS 206B OR 206A				
1	10.00	M W F	PARK	308	SAPOROSCHENKO MYKO
	10.00	TH	PARK	308	SAPOROSCHENKO MYKO
2	10.00	M W F	PARK	308	SAPOROSCHENKO MYKO
	10.00	T	PARK	308	BOSE SUBIR K

3	12.00	M W F	PARK	308	CUTNELL JOHN D
	12.00	T	PARK	308	HAAS RICHARD A
4	12.00	M W F	PARK	308	CUTNELL JOHN D
	12.00	TH	PARK	308	CUTNELL JOHN D
207A	COLLEGE PHYS LAB			01.0 CR	
	PREREQ CONCURRENT ENR IN			PHYS 206	
1	10.00-12.50	TH	PHY SC	403	
2	10.00-12.50	T	PHY SC	403	
207B	COLLEGE PHYS LAB			01.0 CR	
	PREREQ CONCURRENT ENR IN			PHYS 206	
1	08.00-10.50	TH	PHY SC	405	
207C	COLLEGE PHYS LAB			01.0 CR	
	PREREQ CONCURRENT ENR IN			PHYS 206	
1	09.00-11.50	T	PHY SC	407	
2	09.00-11.50	TH	PHY SC	407	
3	03.00-05.50	TH	PHY SC	407	
4	03.00-05.50	T	PHY SC	407	
211A	UNIVERSITY PHYSICS			03.0 CR	
	PREREQ MATH 150B OR CONC			ENROLLMENT	
1	03.00	M W F	PARK	308	BENSON BRENT W
	03.00	TH	PARK	308	BENSON BRENT W
2	03.00	M W F	PARK	308	BENSON BRENT W
	03.00	TH	PARK	309	SULLIVAN JOHN J
3	03.00	M W F	PARK	308	BENSON BRENT W
	03.00	T	PARK	309	PEARSON EDWIN F
211B	UNIVERSITY PHYSICS			03.0 CR	
	PREREQ PHYS 211A				
1	11.00	M W F	PARK	308	CARRELL JOHN CRAIG
	11.00	TH	PARK	308	HICKEY RONNIE
2	11.00	M W F	PARK	308	CARRELL JOHN CRAIG
	11.00	T	PARK	308	HICKEY RONNIE E
3	11.00	M W F	PARK	308	CARRELL JOHN CRAIG
	11.00	TH	PARK	309	
211C	UNIVERSITY PHYSICS			03.0 CR	
	PREREQ PHYS 211A				
1	09.00	M W F	PARK	308	SCHLECHT RICHARD G
	09.00	T	PARK	308	
2	09.00	M W F	PARK	308	SCHLECHT RICHARD G
	09.00	TH	PARK	309	
3	09.00	M W F	PARK	308	SCHLECHT RICHARD G
	09.00	T	PARK	309	
4	01.00	M W F	PARK	308	
	01.00	TH	PARK	308	
5	01.00	M W F	PARK	308	
	01.00	T	PARK	308	
212A	UNIVERSITY PHYS-LAB			01.0 CR	
1	06.00-08.50 PM	T	PHY SC	403	
2	03.00-05.50	T	PHY SC	403	
3	03.00-05.50	TH	PHY SC	403	
212B	UNIVERSITY PHYS-LAB			01.0 CR	
	PREREQ CONCURRENT ENRL IN			PHYS 211	
1	01.00-03.50	T	PHY SC	405	
2	01.00-03.50	TH	PHY SC	405	
3	09.00-11.50	T	PHY SC	405	
212C	UNIVERSITY PHYS-LAB			01.0 CR	
	PREREQ CONCURRENT ENRL IN			PHYS 211	
1	12.00	M	PHY SC	407	
2	12.00-02.50	T	PHY SC	407	
3	12.00-02.50	TH	PHY SC	407	
4	06.00-08.50 PM	T	PHY SC	407	
5	01.00-03.50	F	PHY SC	407	
300	UNIVERSITY PHYS IV			04.0 CR	
	PREREQ PHYS 111, 206 OR 211				
1	03.00	MTW F	PHY SC	218	MARSHALL LAURISTON
	04.00	T	PHY SC	404	
	04.00-05.50	W	PHY SC	404	
2	03.00	MTW F	PHY SC	218	MARSHALL LAURISTON
	04.00	T	PHY SC	404	
	03.00-04.50	TH	PHY SC	404	

301	MECHANICS	03.0 CR		
	PREREQ MATH 305A OR CONS INSTR & PHYS			
	111A OR 206A OR 211A			
1	11.00 M W F PARK	301	CARRELL JOHN CRAIG	
302	ASTRONOMY - HONORS	03.0 CR		
1	10.00 M W F PARK	204		
307	ELEC MEAS	02.0 CR		
	PREREQ PHYS 305B OR CONCURRENT ENR IN			
	PHYS 305B			
1	02.00-04.50 T TH	PHY SC 406		
312	ELEC CIRC LAB	02.0 CR		
	PREREQ PHYS 309 OR CONC ENROLLMENT			
1	08.00-10.50 T TH	PHY SC 406	CUTNELL	
404B	PHYSICAL ELECTRONIC	03.0 CR		
	PREREQ PHYS 404A			
1	01.00 M W F	PHY SA 258	ZITTER ROBERT N	
405	ELECTRONICS	03.0 CR		
	PREREQ PHYS 305 AND 309 OR CONSENT OF			
	INSTR			
1	10.00 M W F	PHY SC 406	WATSON RICHARD ELVI	
410B	INTRO TO EM WAVE TH	03.0 CR		
	PREREQ PHYS 410A			
1	11.00 M W F	PHY SA 258	SCHLECHT RICHARD G	
415A	MODERN PHYSICS	03.0 CR		
	PREREQ MATH 455C, PHYS 301&305B, OR			
	CONSENT OF INSTR			
1	10.00 M W F	PHY SA 458	SULLIVAN JOHN J	
415D	MODERN PHYSICS	03.0 CR		
	PREREQ MATH 455C, PHYS 301&305B, OR			
	CONSENT OF INSTR			
1	09.00 M W F	PARK 301	CHANG-FANG CHUEN-C	
418	MOD PHYSICS LAB	01.0 TO 04.0 CR		
1	TO BE ARRANGED		ZITTER ROBERT N	
420	SPECIAL PROJECTS I	02.0 TO 05.0 CR		
	PREREQ PHYS 301 AND 305			
1	TO BE ARRANGED			
449C	SERV INST-PHYS TEAC	01.0 CR		
1	09.00-11.50 S	PARK 301	NICKELL WM E	
504C	X-RAY DIFF LAT DYN	04.0 CR		
	PREREQ PHYS 504B			
1	11.00 M W	TECH B 109	CANUT MARISA L	
	10.00-11.50 TH	TECH B 109		
510C	CLASSICAL MECHANICS	03.0 CR		
1	09.00 T TH S	PHY SC 410		
511C	MATH METH OF PHYS	03.0 CR		
	PREREQ MATH 455C OR EQUIV OR CONSENT			
	OF INSTR			
1	08.00 M W F	NKRS A 358	FOGLIO MARIOE	
520	SPECIAL PROJECTS	02.0 TO 05.0 CR		
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED			
530C	ELECTROMAG THEORY	03.0 CR		
	PREREQ PHYS 530B			
1	09.00 M W F	PHY SC 410	ZITTER ROBERT N	
531C	QUANTUM MECHANICS	03.0 CR		
	PREREQ MATH 455C, PHYS 415 OR CONSENT			
	OF INSTR			
1	11.00 M W F	PHY SA 458		
532C	ADV QUANTUM MECH	03.0 CR		
	PREREQ PHYS 532B			
1	11.00 M W F	PHY SC 410	NICKLE HARRY H	
540C	NUCLFAR PHYSICS	03.0 CR		
1	09.00 T TH S	PHY SA 458		
550C	AT AND MOL SPECTRA	03.0 CR		
	PREREQ PHYS 550B			
1	10.00 M W F	PHY SC 410	JOHNSON ROBERT E	
560C	STAT MECHANICS	03.0 CR		
	PREREQ PHYS 560B			
1	12.00 M W F	PHY SC 410	BOSE SUBIR K	
575	GRAD SEMINAR	01.0 TO 04.0 CR		
1	TO BE ARRANGED			

580	SEL TOPICS PHYS	03.0 TO 06.0 CR	
1	TO BE ARRANGED		
592	COLLOQUY IN MOL SCI	01.0 CR	
1	04.00-05.50 M	NKRS B 440	NICKLE HARRY H
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
	PREREQ ADMISSION TO ADVANCED STUDY IN		
	MOLECULAR SCIENCE		
1	TO BE ARRANGED		

### Physiology (PHSL)

300	HUMAN ANATOMY	04.0 CR	
1	01.00 MTWTH LS I	16	
300B	HUMAN ANATOMY	05.0 CR	
1	11.00 MTWTH LS I	16	FOOTE FLORENCE
	08.00-09.50 F	18	
2	11.00 MTWTH LS I	16	FOOTE FLORENCE
	10.00-11.50 F	18	
3	11.00 MTWTH LS I	16	FOOTE FLORENCE
	08.00-09.50 S	18	
315C	ADV COLLEGE PHSL	05.0 CR	
	PREREQ GSA 2018 AND 5 HRS CHEM		
1	08.00 M W F LS I	113	KAPLAN H M
	08.00-09.50 T TH	113	
2	08.00 M W F LS I	113	KAPLAN H M
	09.00-10.50 M W	113	
410C	ADVANCED ANATOMY	05.0 CR	
	PREREQ CONSENT OF INSTR		
1	02.00-03.50 M WTHF LS I	18	FOOTE FLORENCE
415B	EXP ANIMAL SURGERY	04.0 CR	
1	10.00-11.50 M W F LS I	118	KAPLAN H M
430C	CELLULAR PHYSIOLOGY	04.0 CR	
1	09.00 M W F AG	148	DUNAGAN TOMMY TOLSON
	02.00-03.50 T	120	DUNAGAN TOMMY TOLSON
450	SPECIAL PROBLEMS	04.0 TO 16.0 CR	
	PREREQ CONSENT OF DEPT		
1	02.00-03.50 M W F LS I	111	
	08.00-09.50 S	111	
460C	MAMMALIAN PHSL	04.0 CR	
	PREREQ ADEQUATE TRAINING IN BIO SCIEN		
	CES AND CHEM		
1	08.00 M W F LS I	113	KAPLAN H M
	08.00-09.50 T TH	113	
2	08.00 M W F LS I	113	KAPLAN H M
	08.00-09.50 M W	113	
465C	BIOPHYSICS	03.0 CR	
	PREREQ PHSL 465B		
1	09.00 M W F STAD	5	RICHARDSON ALFRED W
471C	BIOPHYS INST	03.0 CR	
	PREREQ PHSL 471B		
1	10.00 T THF STAD	5	RICHARDSON ALFRED W
500	ADV SEMINAR	01.0 TO 09.0 CR	
1	TO BE ARRANGED		FOOTE FLORENCE
519	EXPER ENDOCRINOLOGY	03.0 CR	
1	08.00 M W AG	148	GASS GEORGE HIRAM
	08.00-09.50 F	120	
2	08.00 M W AG	148	GASS
	10.00-11.50 T	120	
520C	PHSL TECHNIQUES	03.0 CR	
	PREREQ PHSL 520B		
1	02.00-03.50 M W F LS I	113	WARNER ALEX
521	PHYSIOLOGY READINGS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
540B	ADV COMPAR PHYSIOL	04.0 CR	
	PREREQ PHSL 540A		
1	01.00 M W F AG	148	MILLER DONALD M
	02.00-03.50 M	120	MILLER DONALD M

550	RADIATION BIOLOGY	03.0 CR	
	PREREQ GEN PHYSICS AND BIOCHEM OR EQUIV		
1	08.00	T TH	LS I 16
	02.00-03.50	TH	LS I 120
565	BIOPHYSICS	03.0 CR	
	PREREQ 1 YR OF PHYSICS		
1	09.00	M W F	STAD 5
599	THESIS	03.0 TO 09.0 CR	
1	03.00-04.50	MTWTHF	LS I 111
600	DISSERTATION	04.0 TO 36.0 CR	
1	03.00-04.50	MTWTHF	LS I 111

### Presidents Scholars (PR S)

351A	HONORS SEMINAR	03.0 CR	
1	TO BE ARRANGED		PETERSEN
351C	HONORS SEMINAR	03.0 CR	
1	TO BE ARRANGED		ANDERSON
399	HONORS PAPER	02.0 TO 06.0 CR	
	PREREQ APPROVAL OF PRES SCHOL PROG & DEPT CONCERNED		
1	TO BE ARRANGED		
499	UNDERGRAD HON THES	03.0 TO 09.0 CR	
	PREREQ APPROVAL OF PRES SCHOL PROG & DEPTS CONCERNED		
1	TO BE ARRANGED		

### Plant Industries (PL I)

109	PRIN-FIELD CROP PRO	04.0 CR	
1	09.00	M THF	AG 166
	08.00-09.50	W	AG 171
2	09.00	M THF	AG 166
	11.00-12.50	W	AG 171
301	SOIL SCIENCE	05.0 CR	
	PREREQ GSA 101B		
1	11.00	M WTHF	AG 168
	10.00-11.50	T	AG 167
2	11.00	M WTHF	AG 168
	08.00-09.50	W	AG 167
304	LANDSCAPE DESIGN	04.0 CR	
1	01.00	M F	AG 154
	01.00-02.50	T TH	AG 195
2	01.00	M F	AG 154
	03.00-04.50	T TH	AG 195
315	PLANT GENETICS	04.0 CR	
	PREREQ GSA 201B		
1	02.00	TW F	AG 181
	01.00-02.50	M	AG 171
347	GARDEN FLOWERS	03.0 CR	
	PREREQ GSA 201B OR CONSENT OF DEPARTMENT		
1	10.00	M F	AG 170
	10.00-11.50	W	AG 181
359	INTERN PROGRAM	03.0 TO 05.0 CR	
	PREREQ JR STANDING		
1	TO BE ARRANGED		LEASURE JOHN K
381	PLANT SCIENCE SEM	01.0 TO 02.0 CR	
	PREREQ SENIOR STANDING		
1	04.00	T	AG 168
390	SPEC STUD PLANTS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	09.00-11.50	S	AG 171
402	SOIL MORPH & CLASS	04.0 CR	
	PREREQ PL I 301		
1	08.00	MT TH	AG 168
	08.00-09.50	F	AG 167
403	SOIL CHEMISTRY	04.0 CR	
	PREREQ PL I 301		
1	01.00	MT F	AG 168
	01.00-02.50	W	AG 167



407A	SOIL FERTILITY			03.0 CR	
	PREREQ	ONE COURSE IN SOILS			
1	03.00	M W F	AG	170	VARSA
407B	SOIL FERTILITY			02.0 CR	
	PREREQ	PL I 407A OR CONSENT OF DEPT			
1	02.00-04.50		TH AG	167	VARSA
2	02.00-04.50	T	AG	167	VARSA
418	WEEDS-THEIR CONTROL			04.0 CR	
	PREREQ	GSA 201B OR CONCURRENT ENROLLMENT			
1	12.00	M W	AG	166	LEASEURE JOHN K
	01.00	T	AG	171	LEASEURE JOHN K
	08.00-09.50		TH AG	171	LEASEURE JOHN K
2	12.00	M W	AG	166	LEASEURE JOHN K
	02.00	T	AG	171	LEASEURE JOHN K
	12.00-01.50		TH AG	171	LEASEURE JOHN K
3	12.00	M W	AG	166	LEASEURE JOHN K
	03.00	T	AG	171	LEASEURE JOHN K
	03.00-04.50		TH AG	171	LEASEURE JOHN K
419	FORAGE CROP MANAGE			04.0 CR	
	PREREQ	GSA 201B OR EQUIVALENT			
1	02.00	M W F	AG	168	ELKINS DONALD M
	08.00-09.50	T	AG	171	ELKINS DONALD M
2	02.00	M W F	AG	168	ELKINS DONALD M
	11.00-12.50	T	AG	171	ELKINS DONALD M
520	READINGS			01.0 TO 06.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				LEASEURE JOHN K
575	RESEARCH			01.0 TO 06.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				LEASEURE JOHN K
581	SEMINAR			01.0 TO 06.0 CR	
1	04.00	T	AG	181	STUCKY
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				LEASEURE JOHN K

## Psychology (PSYC)

101	DEV EFFECT RELATION			04.0 CR	
1	01.00		F	LAWSON	221 BUCK
	08.00-09.50	M		AG	220
	08.00-09.50		W	0720	108
2	01.00		F	LAWSON	221 BUCK
	10.00-11.50	M	TH	ABBOTT	129
3	01.00		F	LAWSON	221 BUCK
	01.00-02.50	M		0720	106
	01.00-02.50		W	TECH A	410
4	01.00		F	LAWSON	221 BUCK
	03.00-04.50	M W		TECH B	20
5	01.00		F	LAWSON	221 BUCK
	08.00-09.50	T		0721	101
	08.00-09.50		F	LS II	350
6	01.00		F	LAWSON	221 BUCK
	01.00-02.50	T	TH	PHY SA	258
7	01.00		F	LAWSON	221 BUCK
	09.00-10.50		W	CL	25
	09.00-10.50		F	PHY SC	116
8	01.00		F	LAWSON	221 BUCK
	11.00-12.50	M	TH	TECH B	20
9	01.00		F	LAWSON	221 BUCK
	04.00-05.50	M	TH	AG	218
10	01.00		F	LAWSON	221 BUCK
	03.00-04.50	T	TH	TECH B	20
211A	PRIN-METH OF PSYC			04.0 CR	
	PREREQ	GSA 201C			
1	08.00	M W F	LS I	323	RADTKE ROBERT C
	08.00-09.50	T	PULL	43	
2	08.00	M W F	LS I	323	RADTKE ROBERT C
	08.00-09.50		TH	PULL	43
3	03.00	M W F	LS I	205	MASAKI
	03.00-04.50		TH	TECH A	120

4	03.00	M W F	LS I	205	MASAKI
	03.00-04.50	T	COMM	1021	
211B	PRIN-METH OF PSYC			04.0	CR
	PREREQ 211A				
1	09.00	M THF	AG	224	IRWIN DONALD A
	08.00-09.50	T	PULL	39	
2	09.00	M THF	AG	224	IRWIN DONALD A
	08.00-09.50	W	PHY SA	35	
301	CHILD PSYCH			04.0	CR
	PREREQ GSB 201C				
1	08.00	M WTHF	WHAM	302	SOMMERVILL, JOHN
2	03.00	MT THF	AG	214	O DONNELL, JAMES
303	ADOLESCENT PSYCH			04.0	CR
	PREREQ GSB 201C				
1	01.00-02.50	M W	LAWSON	221	WENDT RACHEL
2	01.00-02.50	T TH	LAWSON	221	WENDT, RACHEL
305	PSYCH PERSONALITY			04.0	CR
	PREREQ GSB 201C				
1	09.00	MTWTH	LAWSON	131	HNATIOW
2	10.00-11.50	W	LAWSON	221	HARREN
	10.00-11.50	F	LAWSON	101	
3	04.00	MTW	LAWSON	101	ANTHONY
	04.00	TH	LAWSON	121	
307	SOCIAL PSYCHOLOGY			04.0	CR
	PREREQ GSB 201C				
1	10.00	TW F	AG	166	MITCHELL
	10.00	TH	AG	214	
2	12.00	MTW F	AG	214	SAKAMOTO
3	01.00	M W F	0720	102	MCNEEL
	01.00	TH	LAWSON	201	
311	EXP PSYCH LEARN			04.0	CR
	PREREQ PSYC 211B				
1	11.00	TW F	AG	224	SCHMECK RONALD R
	10.00-11.50	M	0720	104	
2	04.00	M WTH	AG	148	EVANSON JACOB T
	03.00-04.50	T	AG	222	
313	EXP PSYC MOTIV			04.0	CR
	PREREQ PSYC 211B				
1	09.00	M W F	TECH A	322	MCHOSE JAMES HAYDEN
	09.00-10.50	T	AG	168	
2	02.00	M W F	AG	224	SCHMECK RONALD R
	02.00-03.50	T	AG	220	
315	EXP PSYC-COG PROCES			04.0	CR
	PREREQ 211B				
1	01.00	M TH	AG	250	PITZ
	01.00	W	LS II	350	
	01.00-02.50	F	LS II	350	
320	INDUSTRIAL PSYCH			04.0	CR
	PREREQ GSB 201C				
1	09.00-10.50	T TH	PHY SC	218	WESTBERG
2	09.00-10.50	M W	AG	168	GINSBERG
323	PSYC-EMPLOYEE RELAT			04.0	CR
	PREREQ GSB 201C				
1	03.00-04.50	T	LAWSON	221	WESTBERG
	03.00-04.50	TH	AG	166	
399A	RES & INV - HONORS			01.0	CR
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	10.00-11.50	W	WHAM	307	EHRENFREUND DAVID
399B	RES & INV - HONORS			04.0	CR
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	10.00-11.50	F	TECH A	122	EHRENFREUND DAVID
407	TH OF LEARNING			04.0	CR
	PREREQ PSYC 211B OR CONSENT OF INSTR				
1	10.00-11.50	T TH	AG	220	MCHOSE JAMES HAYDEN
414	ADV IN PHSL PSYCH			04.0	CR
	PREREQ 314 OR CONSENT OF INSTRUCTOR;				
	GRADS BY CON OF INSTR				
1	02.00-03.50	M	AG	218	LEVITT ROBERT A
	02.00-03.50	TH	AG	188	
431	PSYTOPATHOLOGY			04.0	CR
	PREREQ 305 OR CONSENT OF INSTR				
1	10.00-11.50	T F	0862	101	SNYDER

440	TH OF PERSONALITY	04.0 CR			
	PREREQ PSYC 305 OR CONSENT OF INSTR				
1	09.00 M F WHAM 302			SCHILL THOMAS RAMON	
	09.00 T TH LAWSON 201				
451	ADVACED CHILD PSYC	04.0 CR			
	PREREQ PSYC 211B, AND 301 OR CONSENT OF INSTRUCTOR				
1	10.00-11.50 M W PARK 309			SOMERVILL JOHN W	
467	PSYC OF BLK AMER	04.0 CR			
	PREREQ GSB 201C, PSYC 307				
1	03.00-04.50 M W CL 109			MCNEEL	
490	INDEPEN PROJECTS	01.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
495	SELECTED TOPICS	01.0 TO 18.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
509	INSTRUMENTATION	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	08.00-09.50 M WHAM 231			MELTZER DONALD	
	08.00-09.50 TH NKRS A 278			MELTZER DONALD	
512	SENSORY PROCESSES	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	02.00-03.50 M TH PHY SC 410			LIT ALFRED	
516	LEARNING PROCESSES	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	08.00-09.50 T F PULL 43A			MELTZER	
522	RES DES & INFER III	04.0 CR			
	PREREQ MATH 410B OR 411				
1	10.00 M F AG 224			PITZ	
	09.00-10.50 W AG 224				
532	EXP APP TO PERS	02.0 CR			
	PREREQ PSYC 530 OR CONSENT OF DEPT				
1	11.00 W F AG 150			SCHILL THOMAS RAMON	
533	EXPER PSYCHOPATH	03.0 CR			
	PREREQ CONSENT OF INSTR				
1	03.00-04.50 T AG 218			RINGUETTE EUGENE L	
	03.00 F AG 218				
541	PSYCHODIAGNOSTICS I	04.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00-04.50 M 0720 114				
	03.00-04.50 TH 0720 116				
	04.00 T 0720 114				
573	SELECTION-PLACEMENT	02.0 CR			
	PREREQ PSYC 524 OR CONSENT OF INSTR				
1	03.00-04.50 W AG 224			PURCELL	
576	HUMAN ENGINEERING	02.0 TO 04.0 CR			
	PREREQ 512, 581 OR CONSENT OF INSTR				
1	10.00-11.50 W F AG 218			LIT ALFRED	
590	READINGS-PSYC	01.0 TO 16.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
591	RESEARCH IN PSYC	01.0 TO 36.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
593E	PRACT-CLIN PSYC	01.0 TO 18.0 CR			
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED			RADER GORDON E	
2	TO BE ARRANGED			BEKKER L DEMOYNE	
	SECT 1 & 2 FOR ADVANCED STUDENTS				
3	01.00-03.50 TH WHAM 145B			RAFFERTY JANET	
4	01.00-03.50 TH WHAM 145B			RINGUETTE EUGENE L	
593F	PRACT-COUNS PSYC	01.0 TO 18.0 CR			
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED			RAYNARD	
593H	PRACT-INDUST PSYC	01.0 TO 18.0 CR			
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED			WESTBERG WILLIAM C	
593J	PRACT-CHILD PSYC	01.0 TO 18.0 CR			
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED			ODONNELL JAMES P	

593L	PRACT-TEACHING PSYC	01.0 TO 18.0 CR			
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED				CARRIER NEIL ALAN
595	ADVANCED SEMINAR	01.0 TO 18.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				CLINICAL
2	TO BE ARRANGED				BRODSKY
3	TO BE ARRANGED				HNATION MICHAEL JR
4	TO BE ARRANGED				IRWIN
5	01.00-02.50	M W	WHAM	231	MITCHELL
6	TO BE ARRANGED				VANATTA RALPH E
7	TO BE ARRANGED				RADTKE
8	TO BE ARRANGED				SHOEMAKER
9	03.00-04.50	W	AG	218	ODONNELL JAMES P
598	ETH PROF PROB PSY	02.0 CR			
	PREREQ PSYC MAJOR OR CONSENT OF INSTR				
1	10.00-11.50	T	LAWSON	131	HARREN
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 45.0 CR			
1	TO BE ARRANGED				

### Radio-Television (R - T)

161	RADIO-TV SPEAKING	04.0 CR			
1	11.00	MTWTH	COMM	1016	HILDRETH RICHARD
2	03.00	MTWTH	COMM	1016	LYNCH CHARLES T
3	09.00	MTWTH	COMM	1016	
251	SURVEY OF BROADCAST	03.0 CR			
1	12.00	M W F	COMM	1046	BARTLETT BYRON A
2	06.30-09.00 PM	T	COMM	1046	WITWER
252	PRODUCTION ANALYSIS	03.0 CR			
1	10.00	MT TH	COMM	1046	DYBVIG
2	04.00	M W F	COMM	1046	OLSEN
260	AUDIO CONTROL PRACT	01.0 CR			
1	12.00-01.50	T	COMM	52C	HALL CHARLES J JR
	01.00	M	COMM	1046	
2	12.00-01.50	TH	COMM	52C	HALL CHARLES J JR
	01.00	W	COMM	1046	
3	03.00-04.50	W	COMM	52C	
	01.00	M	COMM	1046	
310	RADIO - TV NEWS	03.0 CR			
	PREREQ JRNL 103, 201, 202 AND 303				
1	01.00	W F	COMM	1016	DUGAS PAUL JOSEPH
	01.00	M	COMM	1015	
351	PROGS AND AUDIENCES	05.0 CR			
	PREREQ R-T 251				
1	03.00	MTWTHF	COMM	1046	DYBVIG HOMER EUGENE
352	LAWS AND POLICIES	04.0 CR			
	PREREQ R-T 251				
1	09.00	MTWTH	COMM	1046	LYNCH
361	TV ANNOUNCING	03.0 CR			
	PREREQ R-T 161 PASSED WITH A MINIMUM GRADE OF C				
1	12.00	M W F	COMM	1015	BROWN WILLIAM E
363	RADIO PRODUCTION	04.0 CR			
	PREREQ R-T 260				
1	10.00-11.50	F	COMM	1016	HILDRETH
	07.00-10.00 PM	TH	COMM	1016	
2	03.00-04.50	F	COMM	1015	
	07.00-10.00 PM	W	COMM	1015	
364	TV PRODUCTION	04.0 CR			
	PREREQ R-T 252				
1	01.00	M TH	COMM	1046	PICTOR ROBERT R
	01.00-02.50	T	COMM	1015	PICTOR ROBERT R
2	01.00-02.50	M TH	COMM	1046	PICTOR ROBERT R
	01.00-02.50	F	COMM	1015	PICTOR ROBERT R
3	01.00-02.50	M TH	COMM	1046	
	10.00-11.50	F	COMM	1015	
369	TV DIRECTING	04.0 CR			
	PREREQ R-T 364				
1	08.00	T TH	COMM	1015	ROCHELLE DAVID B
	TO BE ARRANGED				ROCHELLE DAVID B



370	TELEVISION FILMS			02.0 CR	
1	12.00-01.50	T	COMM	1046	MENDENHALL HARLAN H
2	12.00-01.50	TH	COMM	1046	
371	TV STAGING			03.0 CR	
	PREREQ R-T 364 OR CONSENT OF INSTR				
1	04.00	T TH	COMM	52C	WALKER MYERS B JR
	07.00-09.30 PM	T	COMM	52C	
373	ADV RADIO PROD LAB			01.0 TO 02.0 CR	
	PREREQ R-T 363 OR CONCURRENT ENR IN				
	R-T 363				
1	04.00	T TH	COMM	1046	LYNCH CHARLES T
374	ADV TV PROD LAB			01.0 TO 02.0 CR	
	PREREQ R-T 364				
1	05.00	M	COMM	1046	LAFFERTY REN A
375J	IND RESEARCH PROBS			01.0 TO 02.0 CR	
	PREREQ CONSENT OF INSTR				
1	11.00	TH	COMM	1046	
377	R-TV ADVERTISING			03.0 CR	
	PREREQ JRNL 370 AND 371				
1	04.00	M W F	COMM	1046	DYBVIG
383	BROADCAST WRITING			04.0 CR	
	PREREQ R-T 363 AND 364				
1	08.00	M W	COMM	1046	BARTLETT
	08.00-09.50	F	COMM	1046	
2	08.00	M W	COMM	1016	LYNCH CHARLES T
	08.00-09.50	F	COMM	1016	
390	BROADCAST STA MGT			05.0 CR	
1	02.00	MTWTHF	COMM	1046	
393	RADIO-TV & SOCIETY			03.0 CR	
	PREREQ R-T 251, 351, 352				
1	11.00	M W F	COMM	1046	RICHTER
453	RADIO-TV IN EDUC			03.0 CR	
1	12.00	M W F	COMM	1016	RICHTER E WALTER
467	RADIO-TV PROD SURV			03.0 CR	
1	10.00	M W F	COMM	1016	
475	INDIV PRODUCT PROB			01.0 TO 04.0 CR	
1	01.00	T	COMM	1046	

### Recreation and Outdoor Education (REC)

201	LEISURE AND REC			03.0 CR	
1	08.00	M W F	WHAM	205	BRANDON
202	PROG IN REC			03.0 CR	
	PREREQ REC 201				
1	09.00	M W F	0720	107	BRANDON
301	OUTDOOR EDUCATION			04.0 CR	
1	10.00-11.50	M W	LS I	323	
2	01.00-02.50	T TH	ARENA	123	
302	INSTITUTIONAL REC			03.0 CR	
1	06.30-09.00 PM	T	COMM	1017	SWITZER
310	SOCIAL RECREATION			03.0 CR	
	PREREQ REC 201, 202				
1	04.00-05.30	T TH	AG	224	SCHICK LOUIS
320	NATURE INTERPRET			03.0 CR	
1	09.00-11.50	S	H EC	102	
325	LEISURECRAFTS			03.0 CR	
	PREREQ REC 201, 202				
1	10.00	M W	WHLR	203	TAYLOR LOREN ESTEN
330	CAMPCRAFT			03.0 CR	
1	03.00-05.30	W	AG	216	ABERNATHY WILLIAM
340	REC ACT FOR SP POP			03.0 CR	
	PREREQ REC 302				
1	01.00	M W F	0628	102	FREEBERG
365	ORG ADMIN-COMM REC			04.0 CR	
	PREREQ REC 201, 202, AND 15 HRS IN				
	REC				
1	10.00	MTWTH	PARK	111	OBRIEN WILLIAM E
380	FIELD WORK			01.0 TO 04.0 CR	
	PREREQ 20HRS RECREATION				
1	TO BE ARRANGED				ABERNATHY WILLIAM
425	REC AREAS AND FAC			03.0 CR	
1	10.00	M WTH	AG	188	ABERNATHY WILLIAM



490	INTERNSHIP IN REC	12.0 TO 16.0	CR	
	PREREQ 20 HRS REC			
1	TO BE ARRANGED			
500	PRIN OF REC	04.0	CR	
1	06.30-09.00 PM	TH	WHAM 321	O'BRIEN
510	OUTDOOR ED WKSHP		04.0	CP
1	06.30-09.00 PM M		H EC 106	NOWAK PAUL F
	PLUS TWO FIELD TRIPS			
525	SPEC POP WKSHP		04.0	CR
1	06.30-09.00 PM	W	H EC 118	FREEBERG
530	REC PROGRAM WORKSH		04.0	CR
	PREREQ REC 500			
1	06.30-09.00 PM	M	H FC 118	RIDINGER WILLIAM H
540	SURV & PLAN OF FAC		04.0	CR
1	06.30-09.00 PM	T	WHAM 321	TAYLOR
570	SEM-REC & OUT ED		04.0	CR
1	06.30-09.00 PM	TH	H EC 201	FREEBERG
596	INDEPENDENT STUDY	02.0 TO 09.0	CP	
1	TO BE ARRANGED			TAYLOR LOREN ESTEN

### Rehabilitation (REHB)

414	DEV EMP OPPORT	01.0 TO 16.0	CR	
	PREREQ SPECIAL STANDING OR CONSENT OF INSTR			
1	TO BE ARRANGED			VIECELI LOUIS
490	READINGS IN REHB	01.0 TO 06.0	CR	
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED			
501C	REHB ADMINISTRATION	02.0	CR	
	PREREQ CONSENT OF INSTR			
1	09.00-10.50	S	WHAM 212	LEE ROBERT EDWARD
503	CASE MGT IN REHB	02.0	CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	10.00-11.50	W	WHAM 305	GARDNER MARGARET S
519	SEL, PLACE & FOLLOW	02.0 TO 03.0	CR	
	PREREQ CONSENT OF INSTR			
1	02.00-03.50	TH	PULL 43A	VIECELI, LOUIS
531	VOCATIONAL APPRAIS	02.0 TO 04.0	CR	
	PREREQ REHB 511 OR CONSENT OF INSTR			
1	10.00-11.30	F	WHAM 305	COYLE FRANK A JR
532	ASSES PROC IN REHB	03.0	CR	
	PREREQ CONSENT OF INSTR			
1	09.00-04.30	MTWTHFS	0406 102	
535	SCH OF REINFORCE	04.0	CR	
	PREREQ REHB 533			
1	01.00-02.50	W	WHAM 312	SANDERS
	01.00-02.50	F	WHAM 231	
536A	IND ASSESS IN REHB	04.0	CR	
	PREREQ REHB 532 & CONSENT OF INSTR			
1	05.45-09.15	M	WHAM 208	GRENFELL JOHN E
541	MED ASPECT-REHB	04.0	CR	
	PREREQ CONSENT OF INSTR			
1	03.00-04.50	T TH	0449 101	
543	STRUCT BASIS-BEHAV	04.0	CR	
	PREREQ CONSENT OF INSTR			
1	03.00-04.50	W F	WHAM 328	POPPEN
552	REHB COUNSELING RES	04.0	CR	
	PREREQ REHB 551			
1	05.45-09.15	TH	CL 24	SCHUMACHER BROCKMAN
561	PSYC-SOC ASPECT-DIS	03.0	CR	
	PREREQ CONSENT OF INSTR			
1	09.00-04.30	MTWTHFS	0406 102	
	MAY 24-MAY 29 DVR WORKSHOP			
563	AVER CONTR & AG BEH	04.0 TO 08.0	CR	
	PREREQ REHB 526			
1	07.35-09.15 PM	T TH	WHAM 312	AZRIN NATHAN H
571	SEM IN SEL TOPICS	01.0 TO 06.0	CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			RENZAGLIA GUY A

576	SEM IN BEHAV MODIFI	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	W	ABBOTT	129	CAMPBELL, ROBERT L
578	SEM IN CORR REH CO	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				GRODER MARTIN G
585A	PRACTICUM IN REHAB	01.0 TO 12.0 CR			
1	TO BE ARRANGED				LEE ROBERT EDWARD
585B	PRACTICUM IN REHAB	01.0 TO 12.0 CR			
1	TO BE ARRANGED				CAMPBELL, ROBERT L
585C	PRACTICUM IN REHAB	01.0 TO 24.0 CR			
1	TO BE ARRANGED				GARDNER, MARGARET S
589	INTERNSHIP IN REHAB	00.0 TO 12.0 CR			
	PREREQ REHB 585 AND CONSENT OF DEPT				
1	TO BE ARRANGED				GARDNER, MARGARET S
590	INDEPENDENT PROJ	01.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
591	RESEARCH IN REHAB	01.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS	01.0 TO 09.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				

### Religious Studies (RELS)

330B	HIST WES REL THOUGH	03.0 CR			
	PREREQ JUNIOR STANDING OR CONSENT OF INSTRUCTOR				
1	03.00	M	PULL	39	SMITH LEMUEL E
	03.00	W F	WHAM	305	SMITH LEMUEL E
340	HIST IDEAS JUDAISM	03.0 CR			
	PREREQ GSC 215 OR 310 OR 333 OR CONSENT OF INSTR				
1	02.00	M W F	PARK	309	BARGEBUHR

### Secondary Education (S ED)

310	HIST PRIN OF SEC ED	04.0 CR			
	PREREQ GUID 305/PSYC 303, ADMISSION TO TCHR ED PROGRAM				
1	08.00	M WTHF	WHAM	326	
2	09.00	M WTHF	WHAM	326	
3	09.00	M WTHF	WHAM	112	MEES
4	10.00	M W F	WHAM	302	BUSER
	10.00	TH	WHAM	201	
	RESTRICTED TO CONCURRENT ENROL IN SED 315-2 (SECT 4)				
5	10.00	M W F	WHAM	326	AIKMAN
	10.00	TH	WHAM	328	
6	11.00	M WTHF	WHAM	326	MEES
7	12.00	M WTHF	WHAM	326	
8	01.00	M WTHF	WHAM	326	ANTONELLI
9	02.00	M WTHF	WHAM	326	WELDON
10	02.00	M WTHF	WHAM	208	AIKMAN
11	03.00	M WTHF	WHAM	326	MILLER
12	04.00	M WTHF	WHAM	326	GRAZIANO
13	05.45-07.25	M W	WHAM	326	
14	05.45-07.25	T TH	WHAM	308	
312	INSTR ANAL&FIELD WK	02.0 TO 08.0 CR			
	PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM				
1	TO BE ARRANGED				DIXON
315	SEC SCOL TEACH METH	04.0 CR			
	PREREQ S ED 310 OR CONCURRENT ENROLL				
1	09.00	M WTHF	WHAM	202	WELDON
2	11.00	M W F	WHAM	201	FLIGOR
	11.00	TH	WHAM	317	
	RESTR TO CONCURRENT ENROL IN SED 310-4 (SECT 2)				
3	12.00	M WTHF	WHAM	329	WELDON

352	SEC STUD TCH	08.0 TO 16.0 CR			
1	TO BE ARRANGED				
	AGRICULTURE				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	BIOLOGY				
4	TO BE ARRANGED				
	BUSINESS				
5	TO BE ARRANGED				
	CHEMISTRY				
6	TO BE ARRANGED				
	ECONOMICS				
7	TO BE ARRANGED				
	ENGLISH				
8	TO BE ARRANGED				
	FOREIGN LANGUAGE				
9	TO BE ARRANGED				
	GENERAL SCIENCE				
10	TO BE ARRANGED				
	GEOGRAPHY				
11	TO BE ARRANGED				
	GOVERNMENT				
12	TO BE ARRANGED				
	HEALTH EDUCATION				
13	TO BE ARRANGED				
	HISTORY				
14	TO BE ARRANGED				
	HOME ECONOMICS				
15	TO BE ARRANGED				
	INDUSTRIAL EDUCATION				
16	TO BE ARRANGED				
	JOURNALISM				
17	TO BE ARRANGED				
	MATHEMATICS				
18	TO BE ARRANGED				
	MUSIC				
19	TO BE ARRANGED				
	PHYSICAL EDUCATION				
20	TO BE ARRANGED				
	PHYSICS				
21	TO BE ARRANGED				
	SOCIOLOGY				
22	TO BE ARRANGED				
	SOCIAL STUDIES				
23	TO BE ARRANGED				
	SPEECH				
24	TO BE ARRANGED				
	INSTRUCTIONAL MATERIALS				
25	TO BE ARRANGED				
375A	IND RES-CURRICULUM	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375B	IND RES-INSTRUCTION	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375C	IND RES-LANG ARTS	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375D	IND RES-SCIENCE	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375E	IND RES-READING	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375G	IND RES-PROB S ED	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
375H	IND RES-JR HIGH MET	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
407A	MID & JR HIGH SCH	04.0 CR			
1	02.00	M WTHF	WHAM	328	EDWARDS
440	TEACH READ IN H S			04.0 CR	
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	201	DUSENBERY

2	01.00	MTWTH	WHAM	328	DUSENBERY
487	TCH NAT SCI-SEC SCH		04.0 CR		
	PREREQ S ED 310 OR CONCURRENT				
1	09.00	M WTHF	PULL	304	JAMES
488	SOC ST IN SEC SCH		04.0 CR		
1	12.00-01.50	M TH	LS II	285D	MILLER
2	12.00-01.50	W F	LS II	285D	MILLER
506	READING IN SEC SCH		04.0 CR		
	PREREQ S ED 352 OR TEACHING EXPERIENCE				
1	06.30-09.30 PM M		WHAM	144	DUSENBERY
507	READINGS IN READING		02.0 TO 04.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				HILL MARGARET
509	PRACTICUM IN RD		04.0 TO 08.0 CR		
	PREREQ S ED 521C				
1	TO BE ARRANGED				HILL MARGARET
514	ORG & ADMIN RD PROG		04.0 CR		
1	06.30-09.00 PM W		WHAM	144	FISHCO DANIEL T
516	INTERN IN READING		04.0 TO 12.0 CR		
	PREREQ S ED 509 AND 514				
1	TO BE ARRANGED				FISHCO DANIEL T
521C	DIAG-CORR READ DIS		04.0 CR		
	PREREQ 505 OR 440 OR CONCURRENT REG WITH 505 & TEACH EXPER				
1	09.00-11.30	S	WHAM	144	HILL MARGARET
561	CURRICULUM		04.0 CR		
1	06.30-09.00 PM T		WHAM	228	FISHBACK
	CROSSLISTED WITH EDAF 560				
562	SEC SCHO CURRICULUM		04.0 CR		
1	06.30-09.00 PM TH		WHAM	326	FLIGOR ROSS JEAN
566	SEM IN INSTRUCTION		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	06.30-09.00 PM T		WHAM	301A	ALSTON
571	SEM IN CURRICULUM		04.0 CR		
	PREREQ ELED 561 OR S ED 562 OR EQUIV				
1	03.30-06.00 W		WHAM	121	BUSER ROBERT L
575A	IND RES-CURRICULUM		02.0 TO 04.0 CR		
1	TO BE ARRANGED				OLIVA
575B	IND RES-SUPERVISION		02.0 TO 04.0 CR		
1	TO BE ARRANGED				OLIVA
575C	IND RES-LANG ARTS		02.0 TO 04.0 CR		
1	TO BE ARRANGED				DUSENBERY MIRIAM C
575D	IND RES-SCIENCE		02.0 TO 04.0 CR		
1	TO BE ARRANGED				JAMES
575E	IND RES-READING		02.0 TO 04.0 CR		
1	TO BE ARRANGED				HILL
575F	IND RES-SOC STUDIES		02.0 TO 04.0 CR		
1	TO BE ARRANGED				MILLEP
575G	IND RES-SEC EDUC		02.0 TO 04.0 CR		
1	TO BE ARRANGED				OLIVA
575H	IND RES-JR H METHOD		02.0 TO 04.0 CR		
1	TO BE ARRANGED				OLIVA
591	WKSHP IN S ED		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	06.30-09.00 PM M		WHAM	301B	KEEFER DARYLE EARL
596	INDEPENDENT INVEST		05.0 TO 09.0 CR		
1	TO BE ARRANGED				OLIVA
598	PRACTICUM		02.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				KEEFER
599	THESIS		03.0 TO 09.0 CR		
1	TO BE ARRANGED				OLIVA & HILL
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				OLIVA & HILL

#### Secretarial and Business Education (SEC)

201A	TYPEWRITING			03.0 CR	
1	08.00	MTWTH	CL	13	
2	01.00	MTW F	CL	13	
3	04.00	MTWTH	CL	13	

201B	TYPEWRITING			03.0	CR	
1	08.00	MTWTH	CL	21		
2	01.00	MTW F	CL	21		
201C	TYPEWRITING			03.0	CR	
	PREREQ SEC 201B OR EQUIV					
1	12.00	TWTHF	CL	13		
221A	SHORTHAND-TRANS			04.0	CR	
1	02.00	MTWTHF	CL	17		
221B	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221A OR EQUIV					
1	02.00	MTWTHF	CL	21		
221C	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221B OR EQUIV					
1	02.00	MTWTHF	CL	13		
241	DUPLICATING			01.0	CR	
	PREREQ SEC 201 OR EQUIV					
1	08.00-09.50	F	CL	21		
2	11.00-12.50	M	CL	21		
3	12.00-01.50	TH	CL	21		
4	03.00-04.50	W	CL	21		
243	KEYPUNCH			01.0	CR	
1	09.00	W	CL	21	BURGER	
2	11.00	F	CL	21	BURGER	
3	03.00	T	CL	21	BURGER	
304	ADV TYPEWRITING			03.0	CR	
	PREREQ SEC 201-9					
1	11.00	MTWTH	CL	13	ANDERSON	
324A	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221C OR EQUIV					
1	10.00	MTWTHF	CL	13	ANDERSON	
324B	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 324A OR EQUIV					
1	10.00	MTWTHF	CL	21	BURGER	
326	EXECUTIVE SEC PROC			04.0	CR	
	PREREQ SEC 304					
1	09.00	MTWTHF	CL	13	BAUERNFEIND HARRY B	
341	OFFICE CALC MCHNS			04.0	CR	
1	10.00	MTWTHF	CL	17	BAUERNFEIND	
403	TEACH TYPEWRITING			03.0	CR	
1	03.00	TWTH	CL	13	ANDERSON	
404	TEACHING SHORTHAND			03.0	CR	
1	06.00-07.25 PM	M W	CL	13	RAHE	
408	TCH BKPG ACCT /P/			03.0	CR	
	PREREQ ACCT 251B OR EQUIV					
1	03.00	M WTH	CL	17	BAUERNFEIND HARRY B	
410	TEACH CONSUMER ED			04.0	CR	
1	05.45-07.25	T TH	CL	17	BUBOLTZ	
500	PRIN & PROB-BUS ED			04.0	CR	
1	09.00-11.30	S	CL	121	JACOBSON	
525	COOP VOC-TECH ED			04.0	CR	
1	09.00-11.30	S	TECH D	130		
590	READINGS IN BUS ED		02.0 TO 05.0	CR		
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED					
591	IND RES IN BUS ED		02.0 TO 05.0	CR		
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED					
599	THESIS		01.0 TO 09.0	CR		
1	TO BE ARRANGED					

### Sociology (SOC)

301	PRINCIPLES OF SOC			04.0	CR	
	PREREQ JR STANDING					
1	09.00	M	0871	102	VANDIVER, RICHARD	
	09.00	T TH	0862	101		
	09.00	F	WHAM	308		
	RESERVE FOR SOC MAJORS					
2	03.00-04.50	TW	WHAM	308	MUNCH, PETER	
	RESERVE FOR SOC MAJORS					
3	04.00	MTWTH	WHAM	302	URBAN, THOMAS	



302	CONTEMP SOC PROB	04.0 CR			
	PREREQ ONE COURSE IN SOC				
1	02.00 MTWTH WHAM	112			MCDONALD, THOMAS
	RESERVE FOR SOC MAJORS				
308	STAT FOR SOC SCI	04.0 CR			
	PREREQ JR STANDING OR CONSENT OF INSTR				
1	08.00 TWTHF 0871	102			HAWKES
312	ELEM SOC RESEARCH	04.0 CR			
	PREREQ SOC 308 OR EQUIV OR CONSENT OF INSTR				
1	12.00-01.50 T TH LS I	323			RAINEY MICHAEL L
	RESERVE FOR SOC MAJORS				
335	URBAN SOCIOLOGY	04.0 CR			
	PREREQ GSB 201B OR SOC 301				
1	11.00 MTWTH WHAM	308			DUBECK, PAULA
	RESERVE FOR SOC MAJORS				
340	THE FAMILY	04.0 CR			
	PREREQ GSB 201B OR SOC 301				
1	12.00 MT THF CL	24			KRIPPPEL, ELIZABETH
	RESERVE FOR SOC MAJORS				
372	CRIMINOLOGY	04.0 CR			
	PREREQ GSB 201B OR SOC 301				
1	03.00 MTWTH 0861	102			MCDONALD THOMAS D
	RESERVE FOR SOC MAJORS				
375	SOCIAL WELFARE	04.0 CR			
	PREREQ GSB 201B OR SOC 301				
1	10.00 TWTHF AG	154			EADES JOSEPH
2	11.00 TWTHF TECH A	410			EADES JOSEPH
3	02.00 TWTHF WHAM	201			BROWN, FOSTER
383	INTROD INTERVIEWING	04.0 CR			
	PREREQ GSB 201B OR SOC 301				
1	01.00 MT THF WHAM	112			BRELJE MARTHA ELAINE
2	09.00 TWTHF 0871	102			BROWN, FOSTER
396	READINGS IN SOC	01.0 TO 05.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
396H	HONORS READINGS-SOC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
	RESERVE FOR SOC MAJORS				
397H	HONORS SFM IN SOC	03.0 TO 06.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	01.00-02.50 T TH WHAM	212			DUBECK
	RESERVE FOR SOC MAJORS				
406	SOCIAL CHANGE	04.0 CR			
	PREREQ TWO COURSES IN SOC OR CONSENT OF INSTR				
1	06.00-09.30 PM M WHAM	328			ALIX ERNEST K
426	SOC BEHAVIOR PERS	04.0 CR			
	PREREQ GSB 321 OR PSYC 305 OR CONSENT OF INSTR				
1	11.00-12.50 M W WHAM	112			ROSSEL ROBERT D
435	SOC STRATIFICATION	04.0 CR			
	PREREQ TWO COURSES IN SOC OR CONSENT OF INSTR				
1	TO BE ARRANGED				NALL, FRANK C
438	SOC-OCCUPAT & PROF	04.0 CR			
	PREREQ TWO COURSES IN SOC OR CONSENT OF INSTR				
1	06.00-09.30 PM TH CL	326			RAINEY MICHAEL L
452	BLACK SOC THOUGHT	04.0 CR			
	PREREQ ONE SOC CRSE & CONSENT OF INSTR				
1	TO BE ARRANGED				DENISE PAUL S
481	PROC IN SOC WORK	04.0 CR			
	PREREQ SOC 375 OR CONSENT OF INSTR				
1	03.00 M 0861	101			BRELJE MARTHA ELAINE
	03.00 T TH WHAM	112			BRELJE MARTHA ELAINE
	03.00 F WHAM	208			BRELJE MARTHA ELAINE

482	SOC WK-SEL AGENCIES	03.0 CR			
	PREREQ SOC 481 AND CONSENT OF INSTR				
1	11.00 T TH TECH A 122	BROWN			
	11.00 F WHAM 301B				
489E	INDEPT STUDY CORRS	02.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				B JOHNSON & EYNON
497	SENIOR SEMINAR	04.0 CR			
	PREREQ SR STANDING WITH 20 HRS SOC OR				
	CONSENT OF INSTR				
1	10.00-11.50 W 0720 105	MARTIN			
	10.00-11.50 F LS II 330				
498A	INDIVIDUAL RESEARCH	04.0 CR			
	PREREQ SR STANDING WITH 20 HRS SOC &				
	CONSENT OF INSTR				
1	TO BE ARRANGED				
	RESERVED FOR SOC MAJORS				
498H	HONORS IND RESEARCH	04.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
	RESERVE FOR SOC MAJORS				
499	SPECIAL PROJECTS	04.0 CR			
	PREREQ SR WITH 20 HRS SOC & 308 & 312				
	-8 OR CONSENT OF INSTR				
1	10.00-11.50 TW WHAM 212	GASTON			
503	EUR THFO 1910-PRES	04.0 CR			
	PREREQ 15 HRS SOC OR CONSENT OF INSTR				
1	02.00-04.30 M LS II 330	MUNCH			
512	SOC RESEARCH	04.0 CR			
	PREREQ 15 HRS OF SOC OR CONSENT OF IN				
	STR				
1	01.00-02.50 T TH AG 218	BROOKS			
522	THE SOC-SMALL GROUP	04.0 CR			
	PREREQ SOC 426 OR CONSENT OF INSTR				
1	07.00-09.30 PM M CL 326	ROSSEL ROBERT D			
528	QUANT METHODS III	04.0 CR			
	PREREQ SOC 527 OR EQUIV				
1	10.00-11.50 W PULL 43A	HAWKES ROLAND			
	10.00 F PULL 43A				
532	URBAN SOC STRUCTURE	04.0 CR			
	PREREQ GRAD STANDING				
1	TO BE ARRANGED				A NALL
539	SOC OF BUREAUCRACY	04.0 CR			
	PREREQ 15 HRS OF SOC OR CONSENT OF				
	INSTR				
1	01.00-03.30 F PHY SC 410	MARTIN THOMAS W			
563	RES PROB IN DISORG	04.0 CR			
	PREREQ 15 HRS SOC OR CONSENT OF INSTR				
1	07.00-09.30 PM T CL 326	SNYDER			
572	SEM IN CRIMINOLOGY	04.0 CR			
	PREREQ SOC 372 OR CONSENT OF INSTR				
1	TO BE ARRANGED				JOHNSON
583	SUPER FIELD WK CORR	04.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				JOHNSON & EYNON
591	INDIVIDUAL RESEARCH	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR AND DEPT				
	CHAIRMAN				
1	TO BE ARRANGED				
596	READINGS IN SOC	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR AND DEPT				
	CHAIRMAN				
1	TO BE ARRANGED				
599	THESIS	02.0 TO 09.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				

## Special Education (SPE)

410A	PROB & CHAR-EMO CHI			04.0 CR	
	PREREQ	SP E 414			
1	09.00	MTWTH	WHAM	308	THOMPSON ALICE
410B	PROB CHAR MENT RET			04.0 CR	
	PREREQ	SP E 414			
1	06.30-09.00 PM	W	WHAM	308	STEPHENS WYATT E
2	03.00	MTWTH	WHAM	329	STEPHENS WYATT
410C	PROB CHAR GIFT CHLD			04.0 CR	
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR			
1	06.30-09.00 PM	T	WHAM	326	CASEY JOHN P
411	ASS & REMED LRN DIS			04.0 CR	
	PREREQ	SP E 414 AND CONSENT OF INSTR			
1	06.30-09.00 PM	M	WHAM	305	JOINER LEE M
2	06.30-09.00 PM	T	WHAM	317	JOINER LEE
413A	DIR OBSER-EMOT DIST			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	02.00	T	CL	109	JACOBS M
413B	DIR OB OF MR CHILD			04.0 CR	
	PREREQ	SP E 414, SP E 410B OR CONC EN RLMT & MAJOR IN SP E			
1	10.00-12.50	T	WHAM	201	CROWNER THOMAS
414	THE EXCEPT CHILD			04.0 CR	
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR			
1	11.00	MTWTH	WHAM	202	JACOBS JOHN
	THE ABOVE SECTION RESTRICTED-UNDERGRADS ONLY				
2	02.00	MTWTH	WHAM	206	MORGAN HOWARD
	THE ABOVE SECTION RESTRICTED-UNDERGRADS ONLY				
3	06.30-09.00 PM	TH	WHAM	302	THOMPSON ALICE
4	06.30-09.00 PM	M	WHAM	201	JACOBS JOHN
	SECTS 3 & 4 RESTRICTED TO GRAD STUDENTS				
420A	MET & MAT-ED EM DIS			04.0 CP	
	PREREQ	SP E 410A AND CONSENT OF INSTR			
1	04.00-05.50	T TH	WHAM	307	JUUL KRISTEN
420B	METH & MAT TEACH MR			04.0 CR	
	PREREQ	SP E 410B AND CONSENT OF INSTR			
1	06.30-09.00 PM	W	WHAM	305	HOLDER LORETA
2	06.30-09.00 PM	T	PULL	43	
496	READ & INDEP STUDY			02.0 TO 08.0 CR	
	PREREQ	SP E 414 AND CONSENT OF STAFF			
1	TO BE ARRANGED				
501B	SP RESEARCH PROB			04.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				JOINER & STEPHENS
515	ITIN TEACH EX CHILD			04.0 CR	
	PREREQ	SP E 410A, B, OR D			
1	06.30-09.00 PM	W	WHAM	201	MORGAN HOWARD G
577	PRACTICUM IN SP ED			04.0 TO 12.0 CR	
	PREREQ	SP E 410A, B, C, OR D, AND CONSENT OF STAFF			
1	TO BE ARRANGED				JACOBS JOHN
592	SEM ED-LEA BEH DISO			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				JUUL KRISTEN D
596	IND INVESTIGATION			05.0 TO 09.0 CR	
1	TO BE ARRANGED				CROWNER JAMES
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				CROWNER JAMES

## Speech (SPCH)

102	PUBLIC SPEAKING			04.0 CR	
	PREREQ	GSD 103			
1	02.00	MTWTH	COMM	1020	HIBBS RICHARD PAUL
2	03.00	MTWTH	COMM	1020	

104	TRAINING SPKG VOICE	04.0 CR			
	PREREQ GSD 103				
1	08.00 MT THF	COMM 1006			
	CROSSLISTED WITH SP&A 104				
201	PARLIAMENTARY LAW	02.0 CR			
1	11.00 M W	COMM 1021			BRENIMAN LESTER R
202	PRIN OF DISCUSSION	03.0 CR			
1	02.00 M W F	COMM 1018			POTTER DAVID J
2	03.00 M W F	COMM 1021			GOODIEL EUNICE P
209	FORENSIC ACTIVITIES 01.0	TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	10.00 S	COMM 2008			KLEINAU MARVIN DALE
301	PERSUASION	04.0 CR			
1	11.00 MTW	COMM 1018			SMITH WILLIAM DAVID
	11.00 TH	WHAM 201			SMITH WILLIAM DAVID
2	02.00 T TH	0862 102			
	02.00 M W	0861 102			
303	BUS PROF SPEAKING	04.0 CR			
1	01.00 MTWTH	COMM 1020			
309	FORENSIC ACTIVITIES 01.0	TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				KLEINAU MARVIN DALE
323	ORAL INTERP II	04.0 CR			
	PREREQ GSC 200 OR CONSENT OF INSTR				
1	11.00 MTWTHF	COMM 1020			
2	11.00 M	AG 150			FISH
	11.00 TWTH	AG 216			KLEINAU MARION L
	11.00 F	COMM 1018			KLEINAU MARION L
401	CREATIVE DRAMATICS	04.0 CR			
1	09.00 MTWTH	COMM 1017			
406	TCHG SEC SCHL SPCH	04.0 CR			
	PREREQ 16 HRS OF SPCH				
1	08.00-09.50 M W	COMM 2012			HAMILTON
408	PSYCHOLOGY OF SPCH	04.0 CR			
1	03.00 M WTHF	COMM 1017			BRENIMAN LESTER R
417	CONTEMPORARY PUB AD	04.0 CR			
1	08.00-09.50 T TH	COMM 2012			BRADLEY EARL EDESEL
424	ORAL INTERP DRA LIT	04.0 CR			
	PREREQ GSD 200 AND SPEECH 323				
1	12.00 MTWTH	COMM 2012			FISH
429	EXP STUD ORAL COM	04.0 CR			
	PREREQ SPCH 428				
1	12.00 M W	COMM 1020			SANDERS KEITH R
	12.00-01.50 F	COMM 1020			SANDERS KEITH R
430	INDEPENDENT STUDY	02.0 TO 04.0 CR			
	PREREQ 12 HRS SPCH & CONSENT OF INSTR				
1	TO BE ARRANGED				
431	INTERN-PRACT IN PR	02.0 TO 12.0 CR			
	PREREQ SR, SPCH 331, MGT 340, MKTG 301, 363, JRNL 370				
1	TO BE ARRANGED				WILEY
435	STUDIES INORG COMM	04.0 CR			
1	02.00-03.50 M W	COMM 2012			SMITH
445B	LANGUAGE BEHAVIOR	04.0 CR			
1	10.00 TWTHF	COMM 1020			
450C	LAB INTERPER COM	04.0 CR			
1	02.00-03.50 T TH	COMM 2012			PACE THOMAS J
505	MODERN RHET THEORY	04.0 CR			
1	07.30-10.30 PM T	COMM 1022			POTTER DAVID J
520	PHIL FOUND-SPEECH	03.0 CR			
1	06.00-09.00 PM T	COMM 2012			PACE THOMAS J
524A	SEM RHET & PUB ADD	03.0 CR			
1	09.00-11.50 F	COMM 2012			BRADLEY EARL EDESEL
530	RESEARCH PROBLEMS	01.0 TO 04.0 CR			
1	TO BE ARRANGED				BRADLEY EARL EDESEL
540	SEM-EXP COMM RES	04.0 CR			
	PREREQ SPCH 428 AND 429				
1	03.00-04.50 T TH	0862 102			SANDERS
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				MICKEN RALPH A
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				MICKEN RALPH A



# Speech Pathology and Audiology

(SP & A)

100	SPEECH CLINIC	00.0 TO 02.0 CR			
1	TO BE ARRANGED				
104	TRAINING SPK VOICE	04.0 CR			
1	08.00 MT THF	COMM 1006		ANDERSON	
200	PHONETICS	04.0 CR			
1	03.00 MTWTH	COMM 1006		GARBUTT CAMERON W	
203	INTRO TO SP SCIENCE	04.0 CR			
1	02.00 MT THF	COMM 1006		HOSHIKO MICHAEL S	
319	STUTTERING	04.0 CR			
	PREREQ SP&A 212 OR CONSENT OF INSTR				
1	01.00 MT THF	COMM 1006		BRUTTEN GENE JEROME	
400	IND STUDY-SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED			PACE SUE ANN	
405C	PRAC SP & HEAR THER	02.0 TO 04.0 CR			
	PREREQ JUNIOR STANDING IN DEPARTMENT				
1	10.00 M TH	COMM 1006		PACE SUE ANN	
415	APHASIA	04.0 CR			
	PREREQ SP&A 412, 414 OR CONSENT OF INSTR				
1	11.00 MT THF	COMM 1006		PACE SUE ANN	
420	CLINICAL AUDIOMETRY	04.0 CR			
	PREREQ SP&A 406 AND 416 OR CONSENT OF INSTR				
1	09.00 MT THF	COMM 1006		MCFARLAND WILLIAM H	
428	SP CORR FOR CL TCH	04.0 CR			
	PREREQ PRACTISING TEACHER, SR OR GRAD IN EDUC				
1	06.30-09.30 PM M	COMM 1006		HOSHIKO	
515	READINGS IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED			BRACKETT I P	
521	SEM ARTIC & DEL SP	01.0 TO 04.0 CR			
1	01.00-02.50 M TH	COMM 1009		BRACKETT	
522C	SEM-ORG SPCH PROB	01.0 TO 04.0 CR			
	PREREQ SP&A 522B OR CONSENT OF INSTR				
1	03.00-04.50 M TH	COMM 1007		KOEPP-BAKER HERBERT	
528	SEM EXPR AUDIOLOGY	04.0 CR			
	PREREQ SP&A 516 OR 520 OR CONSENT OF INSTR				
1	10.00-11.50 T F	COMM 1009		COPELAND ALFRED	
529C	SEM IN ST BEHAVIOR	01.0 TO 04.0 CR			
	PREREQ SP&A 529B OR CONSENT OF INSTR				
1	02.00-03.50 T F	COMM 1009		BRUTTEN GENE JEROME	
530	RES PROB IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED			HOSHIKO MICHAEL S	
531	SEM IN EXPR PHON	01.0 TO 04.0 CR			
1	10.00-11.50 M TH	COMM 1009		HOSHIKO MICHAEL S	
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED			KOEPP-BAKER HERBERT	
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED			KOEPP-BAKER HERBERT	

# Theater (THEA)

111A	STAGING TECHNIQUES	03.0 CR			
1	03.00 M	COMM 1037		HENDREN PHILIP R	
	09.00 M W F	COMM 1037		DAVIS DONALD S	
2	09.00 M W F	COMM 1037		HENDREN PHILIP R	
	03.00 W	COMM 1037		DAVIS DONALD S	
3	09.00 M W F	COMM 1037		HENDREN PHILIP R	
	03.00 F	COMM 1037		DAVIS DONALD S	
111B	STAGING TECHNIQUES	03.0 CR			
1	03.00-04.50 T	COMM 1037		HENDREN	
	12.00 M W F	COMM 1037			
2	03.00-04.50 TH	COMM 1037		HENDREN	
	12.00 M W F	COMM 1037			



111C	STAGING TECHNIQUES		03.0 CR		
1	03.00	MTWTHF	COMM	2041	CUSTER
203	VOICE AND DICTION		04.0 CR		
1	01.00	MTWTH	BAILEY	2041	GARBUTT CAMERON W
208	DRAMATIC ACTIVITIES	01.0	TO 03.0 CR		
1	07.35-09.00 PM	T TH	COMM	1045	ZOECKLER CHARLES W
217	ACTING		04.0 CR		
1	02.00-03.50	W F	COMM	1045	HARRISON EELIN S
230A	BEGIN TECH BALLET		02.0 CR		
1	03.00	M	GYM	206	LEWIS
	03.00-04.50	W F	GYM	206	LEWIS
	CROSSLISTED WITH PEW 230A				
230B	BEGIN TECH BALLET	02.0	TO 22.0 CR		
	PRERFQ	PREREQ 230A OR CONSEN			
	T OF INSTR				
1	04.00	M	GYM	206	DAVIDSON ELLEVA
	03.00-04.50	T TH	GYM	206	
	CROSSLISTED WITH PEW 230B				
240	THEO-TECH CONT DNCF	02.0	TO 24.0 CR		
1	09.00-10.50	MTWTH	0813	101	DAVIDSON
	CROSSLISTED WITH PEW 240				
273	DANCE WORKSHOP	01.0	TO 06.0 CR		
1	05.30-07.30	T TH	0813	110	LEWIS
2	07.30-09.30 PM	M W	0813	110	GRAY
	ABOVE SECTION RESTRICTED TO CONSENT				
	OF INSTR-CROSSLISTED WITH PEW				
308	DRAMATIC ACTIVITIES	01.0	TO 03.0 CR		
1	07.35-09.00 PM	T TH	COMM	1045	ZOECKLER CHARLES W
311	INT TO PLAYWRITING		04.0 CR		
	PRERFQ	1 COURSE IN DRAMATIC LIT AND			
		CONSENT OF INSTR			
1	09.00	MTWTH	WHAM	212	MOE
2	09.00	MTW F	COMM	2042	GRAY WINSTON G
322	THEATRE PRACTICUM	02.0	TO 14.0 CR		
1	TO BE ARRANGED				GRAY WINSTON G
379	PRECLASS DANCE FORM		03.0 CR		
1	02.00	MT TH	0813	101	LEWIS
400	THEATER PROBLEMS		00.0 CR		
1	05.00	TH	COMM	1045	
402A	PLAY DIRECTING		04.0 CR		
1	11.00	MTW F	COMM	1045	BROWNE
405B	SCENIC IMAGINATION		04.0 CR		
	PREREQ THEA 405A				
1	01.00-02.50	M W	COMM	2043	GORELIK MORDECAI
410	CHILDRENS THEATRE		03.0 CR		
1	02.00	M W F	COMM	2040	ZOECKLER CHARLES W
415	ADV COSTUME DESIGN		04.0 CR		
	PREREQ THEA 414				
1	10.00	MTWTH	COMM	2041	HARRISON EELIN S
416	THEORIES OF DANCE		04.0 CR		
1	01.00	M WTHF	GYM	206	DAVIDSON ELLEVA J
	CROSSLISTED WITH PEW 416				
417	ADVANCED ACTING		04.0 CR		
	PREREQ THEA 217 & 317				
1	01.00-02.50	T TH	COMM	1037	HARRISON EELIN S
438	CONTEMP DEVEL THEA		04.0 CR		
1	04.00-05.50	T TH	COMM	1006	KOZLENKO WILLIAM
502	ADV DIRECTING		04.0 CR		
1	09.00	MTW F	COMM	1037	BROWNE
506	THE AMERICAN THEA		04.0 CR		
	PREREQ THEA 313 OR EQUIV				
1	03.00	MTWTH	0862	101	BROWNE
519	THEATRE PRACTICUM	01.0	TO 12.0 CR		
1	TO BE ARRANGED				
526	SEM IN THEATRE ARTS	03.0	TO 12.0 CR		
	PREREQ	GRAD STANDING & CONSENT			
		OF DEPARTMENT			
1	09.00-11.50	S	LAWSON	201	MARSHALL HERBERT P
530	RESEARCH PROBLEMS	01.0	TO 04.0 CR		
1	TO BE ARRANGED				MOE

599 THESIS 01.0 TO 09.0 CR  
1 TO BE ARRANGED MOE

# **Technical & Industrial Education (TIED)**

100	ORIENT - ENTERPRISE	04.0 CR		
1	03.00 M W	H EC 14	NYSTROM	
2	03.00-04.50 TH	PULL I 14		
302	CONSTR MTDS PRI TCH	04.0 CR		
1	08.00-09.50 MTWTH	PULL I 109	WILLIAM	
2	01.00-02.50 MTWTH	PULL I 109	WILLIAM	
303	DIVERSIFIED CRAFTS	04.0 CR		
1	10.00-11.50 MTWTH	PULL I 109	JENKINS JAMES JR	
2	06.00-09.00 PM M W	PULL I 109	JENKINS JAMES JR	
3	06.00-09.00 PM T TH	PULL I 109	JENKINS JAMES JR	
4	03.00-04.50 MTWTH	PULL I 109		
305B	MATERIALS-PROCESSES	04.0 CR		
1	08.00 T TH	PULL I 14B	BORTZ RICHARD F	
	09.00-10.50 TH	PULL I 14B	BORTZ RICHARD F	
310B	ELECTRONICS-INSTRUM	04.0 CR		
1	08.00 M W	TECH D 106	BITTLE RAYMOND E	
	08.00-09.50 F	TECH D 106	BITTLE RAYMOND E	
319	INDUSTRIAL INTERN	03.0 TO 24.0 CR		
	PREREQ CONSENT OF COORDINATOR			
1	TO BE ARRANGED		BITTLE RAYMOND E	
419	STU TCH IN TECH PRO	08.0 TO 16.0 CR		
	PREREQ 9 QTR HRS PROFESSIONAL COURSES			
1	TO BE ARRANGED		KENNEKE LARRY	
420B	ENTRPRS-MANMACH SYS	04.0 CR		
	PREREQ 420A			
1	04.00 M W	PULL I 14	NYSTROM DENNIS C	
	03.00-04.50 F	PULL I 14	NYSTROM DENNIS C	
421	PRIN ENTRPRS TEACH	03.0 CR		
	PREREQ 16 HOURS IN TIED			
1	02.00 MTWTH	TECH D 130	ERICKSON JOHN HOWARD	
425	PRACTICUM IN TECH	02.0 TO 08.0 CR		
	PREREQ 12 HRS IN TECHNICAL SUBJECTS			
1	TO BE ARRANGED			
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			
489	ORG OF SUBJ MATTER	03.0 CR		
	PREREQ TIED 488			
1	06.00-08.30 PM W	TECH A 208	SULLIVAN JAMES A	
490	PRIN OCCUP TEACH	03.0 CR		
	PREREQ 12 HRS IN TEACHING SPECIALTY			
1	06.00-08.30 PM TH	TECH A 208	BORTZ RICHARD F	
493	AV MEDIA FOR OCC ED	03.0 CR		
1	06.00-08.30 PM T	TECH D 130	KENNEKE LARRY	
500A	LEG ORG & AD OCC ED	04.0 CR		
1	06.00-09.00 PM M	TECH A 208	BITTLE	
502	EVAL-OCCUP ED PROG	04.0 CR		
	PREREQ 1 COURSE IN TESTS AND MEASUREMENTS			
1	06.00-09.00 PM TH	TECH A 122	BAILEY	
525	INTER VOC COOP ED	03.0 CR		
	PREREQ STUDENT TEACHING			
1	09.00-11.30 S	TECH D 130	SULLIVAN JAMES A	
	CROSSLISTED WITH SEC 525			
541	OCCUP INFO AND GUID	04.0 CR		
1	06.00-09.00 PM TH	WHAM 206	RAMP WAYNE S	
	CROSSLISTED WITH GUID 541			
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR		
1	TO BE ARRANGED			
599	THESIS	01.0 TO 09.0 CR		
1	TO BE ARRANGED			

# **University Convocation (UNIV)**

200 UNIV CONVOCATION 01.0 CR  
1 01.00 TH ARENA

# **Zoology (ZOOL)**

317A	DIVERSITY OF ANIMAL			05.0 CR	
	PREREQ	ANY 3 OF FOLLOWING - BIOL 305, 306, 307, 308			
1	08.00	T TH	LAWSON	350	BLACKWELDER R E
	08.00-09.50	M W F	LS II	251	
2	08.00	T TH	LS II	350	BLACKWELDER R E
	10.00-11.50	M W F	LS II	251	
3	10.00	T TH	LS II	350	BLACKWELDER R E
	01.00-02.50	M W F	LS II	251	
4	10.00	T TH	LS II	350	BLACKWELDER R E
	03.00-04.50	M W F	LS II	251	
318B	VERTEBRATE ANATOMY			04.0 CR	
	PREREQ	ZOOL 318A			
1	08.00-09.50	M W F	LS II	269	BRANDON
	08.00	TH	LS II	269	
322	PROBLEMS IN ZOOLOGY			02.0 TO 05.0 CR	
	PREREQ	4.25 GPA, SENIOR STANDING, AND DEPT OR FAC APPROVAL			
1	TO BE ARRANGED				
340	TELEOLOG&OPT-BIO SY			03.0 CR	
	PREREQ	ANY 2 OF BIOL 305, 306, 307, 308			
1	01.00	M W F	LAWSON	330	HAAS
351	ECOLOGICAL METHODS			05.0 CR	
	PREREQ	BIOL 307, ZOOL 317			
1	08.00-11.50	T S	LAWSON	253	LEFEBVRE EUGENE A
	11.00	TH	LS II	330	
382	ZOOL SENIOR SEMINAR			01.0 TO 03.0 CR	
	PREREQ	SENIOR STANDING			
1	01.00	M	LS II	350	
2	04.00	TH	LS II	330	
3	04.00	TH	LS II	350	
4	02.00	M	LS II	285D	
403	NAT HIST VERT			04.0 CR	
	PREREQ	1 YR OF ZOOL INCLUDING 103			
1	01.00	T TH	LS II	330	WARING GEORGE H
	01.00-04.50	F	LS II	269	
404	ZOOLOGY FIELD STUD			02.0 TO 08.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
407	PARASITOLOGY			05.0 CR	
	PREREQ	ZOOL 317A			
1	09.00	T TH	COMM	350	GARIOAN GEORGE
	09.00-10.50	M W F	LS II	369	GARIOAN GEORGE
408	HERPETOLOGY			04.0 CR	
	PREREQ	ZOOL 317B			
1	11.00	M W	COMM	325	BRANDON
	10.00-11.50	T TH	LS II	325	
414	FRESH-WATER INVERT			04.0 CR	
	PREREQ	ZOOL 317A			
1	03.00	M W	COMM	350	BEATTY
	03.00-04.50	T TH	LS II	257	
2	03.00	M W	LS II	350	BEATTY
	01.00-02.50	T TH	LS II	257	
425B	GENETIC METHODS			02.0 CR	
	PREREQ	ZOOL 425A			
1	08.00-09.50	T TH	LS II	320	ENGLERT
461	MAMMALOGY			04.0 CR	
1	01.00	T TH	LS II	350	STAINS
	01.00-04.50	W	LS II	310	
467	ORNITHOLOGY			04.0 CR	
	PREREQ	ONE YEAR ZOOLOGY INCLUDING 103			
1	08.00	T TH	LS II	330	GEORGE WILLIAM
	06.00-09.50	S	LS II	310	GEORGE WILLIAM
471	ENTOMOLOGY			04.0 CR	
	PREREQ	ZOOL 317A			
1	02.00	M W	LS II	350	
	01.00-02.50	M W	LS II	350	

508	HELMINTHOLOGY			04.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	11.00	M W	LS II	330	DYER WILLIAM G	
	10.00-11.50	T TH	LS II	369	DYER WILLIAM G	
512	ANIMAL GEOGRAPHY			03.0	CR	
1	08.00	M W F	LS II	330	STAHL	
521	ADVANCED LIMNOLOGY			04.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	12.00	T TH	LS II	350	STAHL JOHN B	
	01.00-04.50	F	LS II	257	STAHL JOHN B	
540	FACTORS ANIMAL REPR			03.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	12.00	M W F	LS II	350	MARTAN JAN	
566	FISH CULTURE			04.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	03.00	T TH	LS II	330	LEWIS WILLIAM M	
	01.00-04.50	M	LS II	325	LEWIS WILLIAM M	
582	GRAD ZOOL SEMINAR			01.0 TO 06.0	CR	
1	TO BE ARRANGED					
583C	TEACH ZOOL COLL			01.0	CR	
	PREREQ	GRAD STATUS IN A BIO SCIENCE				
1	05.00	W	LS II	330	GARDIAN GEORGE	
585D	SEM-WETLAND ECOLOGY			01.0 TO 03.0	CR	
1	TO BE ARRANGED					
596	SPECIAL RESEARCH			03.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED					
599	THESIS			02.0 TO 09.0	CR	
1	TO BE ARRANGED					
600	DISSERTATION			03.0 TO 48.0	CR	
1	TO BE ARRANGED					

## SCHEDULE OF VOCATIONAL-TECHNICAL INSTITUTE COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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### General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101A	INTRO-PHYS SCIENCE			04.0	CR	
901	10.00	MTWTH	M3	103		
902	01.00	MTWTH	M3	103		
903	03.00	MTWTH	M3	103		
101B	INTRO-PHYS SCIENCE			04.0	CR	
901	01.00	MTWTH	F3	144		
902	03.00	MTWTH	F3	144		

### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

201B	CULT-SOCIETY BEHAV			04.0	CR	
901	10.00	MTWTH	L3	109	VANROEKEL JOSEPH G	
902	12.00	MTWTH	L3	109	VANROEKEL JOSEPH G	
201C	CULT-SOCIETY-BEHAV			04.0	CR	
901	09.00	MTWTH	H3	154	SANGIULIANO RICHARD	
902	10.00	MTWTH	H3	154	SANGIULIANO RICHARD	
903	11.00	MTWTH	H3	154	SANGIULIANO RICHARD	
904	12.00	MTWTH	H3	154		
905	01.00	MTWTH	H3	154		
906	03.00	MTWTH	AVTECH	117		
211A	POLITICAL ECONOMY			04.0	CR	
901	10.00	MTWTH	M1	112		
902	12.00	MTWTH	F1	112		
211B	POLITICAL ECONOMY			04.0	CR	
901	08.00	MTWTH	H3	154	SHIN WANGSHIK	
902	11.00	MTWTH	AVTECH	116	CISSELL ALLEN	
903	12.00	MTWTH	H9	101	SHIN WANGSHIK	
904	01.00	MTWTH	H9	101	SHIN WANGSHIK	

905	03.00	MTWTH	MI	112	CISSELL ALLEN
906	04.00	MTWTH	MI	112	CISSELL ALLEN

## General Studies Area C—Man's Insights and Appreciations

### (GSC)

103	WORLD LIT FOR COMP			03.0	CR
901	03.00	M W F	H9	101	

## General Studies Area D—Organization and Communication of Ideas (GSD)

101	ENGLISH COMPOSITION			03.0	CR
901	09.00	M W F	H3	153	
902	11.00	M W F	H1	143	
903	12.00	M W F	H3	153	
904	04.00	M W F	AVTECH	116	
102	ENGLISH COMPOSITION			03.0	CR
901	08.00	M W F	H3	153	
902	10.00	M W F	H3	153	
903	12.00	M W F	H4	233	
904	01.00	M W F	H3	153	
905	02.00	M W F	H3	153	
906	03.00	M W F	H3	153	
103	ORAL COMM OF IDEAS			03.0	CR
901	08.00	MTWTH	AVTECH	116	ENOCH ROY H
902	09.00	MTWTH	H9	101	WORKUN ARTHUR
903	11.00	MTWTH	H9	101	WORKUN ARTHUR
904	12.00	MTWTH	H9	101	WORKUN ARTHUR
905	02.00	MTWTH	H9	101	ENOCH ROY H
906	04.00	MTWTH	H9	101	ENOCH ROY H

## Mathematics (MATH)

111A	COL ALGEBRA TRIG			05.0	CR
901	09.00	MTWTHF	H3	151	
902	01.00	MTWTHF	H3	151	
903	06.30-09.00 PM	M W	H3	151	

## Accounting (\*ACC)

101A	ACCOUNTING			04.0	CR
1	10.00	M F	FI	111	VAUGHN FRANK EUGENE
	10.00-11.50	T TH	FI	111	VAUGHN FRANK EUGENE
2	01.00	M F	FI	111	VAUGHN FRANK EUGENE
	01.00-02.50	T TH	FI	111	
ABOVE SECT RESTRICTED TO MORT SCI MAJORS					
101B	ACCOUNTING			04.0	CR
	PREREQ *ACC 101A				
1	10.00	MTWTHF	H4	233	REYNOLDS ROBERT J
101C	ACCOUNTING			04.0	CR
	PREREQ *ACC 101B				
1	08.00	MTWTHF	FI	111	RICHEY HELEN E
2	07.00-09.30 PM	T TH	FI	111	REYNOLDS ROBERT J
3	12.00	MTWTHF	FI	111	REYNOLDS ROBERT J
109A	CALC MACH			03.0	CR
1	12.00	MTWTHF	FI	113	RICHEY HELEN E
2	01.00	MTWTHF	FI	113	VANCIL ALICE L
3	03.00	MTWTHF	FI	113	VANCIL ALICE L
109B	CALC MACH			03.0	CR
1	10.00	MTWTHF	FI	113	JOHNSTON
126	FUND OF BUSINESS			03.0	CR
1	09.00	M W F	H4	233	RICHEY HELEN E
2	01.00	M W F	H4	233	JOHNSTON
201B	ACCOUNTING			04.0	CR
1	09.00	MTWTHF	FI	108	MARKWELL JAMES K
226A	BUSINESS LAW			04.0	CR
1	11.00	MTWTH	FI	108	CUNDIFF JOHN WILLIA
2	03.00	MTWTH	FI	108	CUNDIFF JOHN WILLIA
MORT SCIENCE MAJORS ONLY					



226B	BUSINESS LAW		04.0	CR	
1	12.00	MTWTH	FI	108	CUNDIFF JOHN WILLIAM
227	OFFICE ADMIN & SUP		04.0	CR	
	PREREQ *ACC 126				
1	01.00	MTWTH	FI	108	MARKWELL JAMES K
230	AUDITING		04.0	CR	
	PREREQ *ACC 204				
1	08.00	MTWTHF	FI	108	MARKWELL JAMES K
275	CREDITS & COLLECT		04.0	CR	
	PREREQ *ACC 101C				
1	10.00	MTWTHF	FI	108	VAUGHN FRANK EUGENE

### Architectural Drafting (\*AD)

121B	ARCHITECT DESIGN		04.0	CR	
	PREREQ *AD 110A, 146A, OR CONSENT OF ADVISER				
1	09.00-11.50	M W F	MI	108	
2	02.00-04.50	M W F	MI	113	
3	09.00-11.50	M W F	H EC	304	
146B	FREEHAND ARCH GRAPH		03.0	CR	
1	08.00-10.50	T TH	H EC	304	
150	BASIC CONSTRUCTION		03.0	CR	
1	08.00	M W F	MI	112	
2	08.00	M W F	H EC	304	
151	MATERIALS & METHODS		04.0	CR	
	PREREQ *AD 110 OR CONSENT OF ADVISER				
1	08.00-11.50	T TH	MI	108	
	12.00	W	MI	112	
2	01.00-04.50	T TH	MI	108	
	12.00	W	MI	112	
3	01.00-04.50	M W	H EC	304	
	09.00	W	H EC	304	
152	SITE ENGINEERING		02.0	CR	
	PREREQ *AD 110 AND GSD 114C, OR CONSENT OF ADVISER				
1	08.00-10.50	T TH	HI	237	
2	02.00-04.50	T TH	HI	237	
153A	MECH & STRENGTH-MAT		04.0	CR	
	PREREQ MATH 111A				
1	01.00	M W F	MI	112	
	12.00	TH	MI	112	
2	12.00	MTW F	L3	119	BASSETT FRANKLIN A
221C	ARCHITECTURAL DES		04.0	CR	
1	08.00-10.50	M W F	MI	113	
2	01.00-03.50	M W F	MI	108	
250C	MATERIALS & METHODS		04.0	CR	
1	08.00-11.50	T TH	MI	113	
	12.00	W	MI	113	
2	01.00-04.50	T TH	MI	113	
	11.00	W	MI	113	
254	MECH EQUIP OF BLDGS		04.0	CR	
	PREREQ 4TH QTR STATUS IN CONCENTRAT. OR CONSENT OF ADVISER				
1	01.00	MT THF	HI	237	
290B	STRUCT THE-WD & STL		03.0	CR	
1	11.00	M W F	MI	113	

### Aviation Technology (\*AT)

106	ARCFT IGN-START SYS		05.0	CR	
1	08.00	W	AVTECH	106	VANERKA CHARLES A
	11.00	T TH	AVTECH	117	VANERKA CHARLES A
	08.00-10.50	T TH	AVTECH	127	VANERKA CHARLES A
107	FABRIC-WOOD-DOPING		04.0	CR	
1	09.00-10.50	W	AVTECH	117	RICH DAVID LOUIS
	12.00	TH	AVTECH	116	RICH DAVID LOUIS
	01.00-03.50	T TH	AVTECH	135	RICH DAVID LOUIS
2	01.00	M W	AVTECH	106	RICH DAVID LOUIS
	08.00	F	AVTECH	106	
	02.00-04.50	M W	AVTECH	135	

108	JET PROPULSION PP			06.0 CR	
1	11.00	W	AVTECH	117	DAROSA EDMUND A
	01.00	M W F	AVTECH	106	
	02.00-03.50	M W F	AVTECH	133	
109	POWERPLANT TESTING			04.0 CR	
1	11.00	M F	AVTECH	117	SCHIFFLER WILLIAM F
	08.00-10.50	M F	AVTECH	135	SCHIFFLER WILLIAM F
110	AIRC STRUCT-FAB&REP			06.0 CR	
1	10.00	M F	AVTECH	106	RICH DAVID LOUIS
	11.00	W	AVTECH	106	
2	12.00	T	AVTECH	116	RICH DAVID LOUIS
	04.00	T TH	AVTECH	117	
111	MATERIALS & PROCESS			05.0 CR	
1	03.00	MTWTHF	AV TEC	117	
	01.00-02.50	T TH	AV TEC	135	
	01.00	F	AV TEC	135	
2	03.00	MTWTHF	AV TEC	117	
	01.00-02.50	M W	AV TEC	135	
	02.00	F	AV TEC	135	
112	AIRCFT ELECT-BASIC			06.0 CR	
1	10.00	M F	AVTECH	106	
	03.00	TW	AVTECH	106	
	03.00-04.50	TH	AVTECH	104	
	10.00-11.50	T TH	AVTECH	104	
2	10.00	M F	AVTECH	106	
	03.00	TW	AVTECH	106	
	01.00-02.50	M W F	AVTECH	104	
113	AIRCFT INSTRUMENTS			03.0 CR	
1	09.00	TWTH	AVTECH	106	
	10.00-11.50	W	AVTECH	104	
2	09.00	TWTH	AVTECH	106	
	08.00-09.50	W	AVTECH	104	
114	WT & BALANCE & FAR			04.0 CR	
1	12.00	MTWTH	AVTECH	117	
	08.00	T TH	AVTECH	104	
	04.00	W	AVTECH	104	
2	12.00	MTWTH	AVTECH	117	
	04.00	W	AVTECH	117	
	04.00	T TH	AVTECH	104	
202	AIRCFT ELEC SYS			04.0 CR	
	PREREQ *AT 112				
1	09.00	M W F	AVTECH	116	
	10.00-11.50	M F	AVTECH	107	
2	09.00	M W F	AVTECH	116	
	09.00-10.50	T TH	AVTECH	107	
203	AERODYNAMICS			04.0 CR	
1	09.00	M F	AVTECH	106	VANERKA CHARLES A
	10.00-11.50	M F	AVTECH	135	
	12.00	W	AVTECH	116	
2	01.00	T TH	AVTECH	106	VANERKA CHARLES A
	12.00	F	AVTECH	117	
	02.00-03.50	T TH	AVTECH	135	
204	AIRCRAFT HYDRAULICS			04.0 CR	
1	09.00	M F	AVTECH	117	OHMAN LENNART R
	02.00	M	AVTECH	116	
	10.00-12.50	M F	AVTECH	132	
205	CABIN ENVIRON - PAC			03.0 CR	
1	02.00	T TH	AVTECH	116	OHMAN LENNART R
	11.00-12.50	W	AVTECH	135	
206	METAL & PROCESSING			05.0 CR	
1	11.00	T TH	AVTECH	106	RITER RUSSELL W
	08.00-10.50	T TH	AVTECH	135	RITER RUSSELL W
208	ARCFT FUEL SYSTEMS			02.0 CR	
1	09.00	W	AVTECH	119	OHMAN LENNART R
	10.00	TH	AVTECH	117	
	04.00	TH	AVTECH	106	
2	09.00	T	AVTECH	116	OHMAN LENNART R
	03.00	TH	AVTECH	106	
	08.00-08.20	T	AVTECH	119	
209	WT BALANCE INSPECT			06.0 CR	
1	08.00-09.50	M W F	AVTECH	131	
	10.00	MTWTHF	AVTECH	116	

2	09.00	T TH	AVTECH	116	
	02.00-03.50	M THF	AVTECH	117	
217	RADIO OPER-INSTALL		01.0	CR	
1	12.00	TH	AVTECH	106	RITER RUSSELL W
	09.00	W	AVTECH	106	RITER RUSSELL W
	10.00	W	AVTECH	128	RITER RUSSELL W
220	JET TRANS AIR SYS		03.0	CR	
1	08.00-09.50	TH	AVTECH	135	OHMAN LENNART R
	03.00	T	AVTECH	135	OHMAN LENNART R
	01.00	F	AVTECH	117	
2	02.00-03.50	W	AVTECH	135	OHMAN LENNART R
	10.00	W	AVTECH	117	
230A	PRIVATE PILOT		02.0	CR	
1	TO BE ARRANGED				KETRING JOHN E
230B	PRIVATE PILOT		01.0	CR	
1	TO BE ARRANGED				KETRING JOHN E
231	BASIC FLIGHT		03.0	CR	
	PREREQ *AT 230				
1	TO BE ARRANGED				KETRING JOHN E
232	INTERMEDIATE FLIGHT		03.0	CR	
	PREREQ *AT 231				
1	TO BE ARRANGED				KETRING JOHN E
233	ADVANCED FLIGHT		03.0	CR	
	PREREQ *AT 232				
1	TO BE ARRANGED				KETRING JOHN E
234	INSTRUMENT FLIGHT		03.0	CR	
	PREREQ *AT 233				
1	TO BE ARRANGED				KETRING JOHN E

#### Automotive Technology (\*AUT)

101A	AUTO LAB--ENG		05.0	CR	
1	08.00-10.50	MTWTHF	L2	108	ROMACK
101B	AUTO LAB-BR & STEER		05.0	CR	
1	08.00-10.50	MTWTHF	LI	108	JONES PAUL F
101C	AUTO LAB-IGN & CARB		05.0	CR	
1	11.00-01.50	MTWTHF	L2	108	WHITE JAMES EDWIN
2	02.00-04.50	MTWTHF	L2	108	MCDONALD JAMES H
125A	AUTO THE--ENGINES		05.0	CR	
1	01.00	MTWTHF	L2	105	ROMACK CHARLES
125B	AUTO THE-BR & STEER		05.0	CR	
1	02.00	MTWTHF	L2	105	JONES PAUL F
125C	AUTO THE-IGN & CARB		05.0	CR	
1	09.00	MTWTHF	L2	105	MCDONALD JAMES H
2	03.00	MTWTHF	L2	105	WHITE JAMES EDWIN
201A	AUTO LAB-POWER OPT		05.0	CR	
	PREREQ 101C AND 125C				
1	01.00-03.50	MTWTHF	L2	102	KAZDA JOSEPH G
201B	AUTO LAB-TRANS POWR		05.0	CR	
	PREREQ 101C AND 125C				
1	09.00-11.50	MTWTHF	L2	102	WILLEY LUCIAN D
201C	AUTO LAB-DIAGNOSIS		05.0	CR	
	PREREQ 101C AND 125C				
1	02.00-04.50	MTWTHF	LI	108	SHELTON EVERETT E
220A	AUTO TH-POWER OPT		05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201				
1	04.00	MTWTHF	L2	105	KAZDA JOSEPH G
220B	AUTO TH-TRANS POWER		05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201				
1	08.00	MTWTHF	L2	105	WILLEY LUCIAN D
220C	AUTO TH-DIAGNOSIS		05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201				
1	11.00	MTWTHF	L2	105	SHELTON EVERETT E

#### Building Construction Technology (\*BC)

210B	CONSTRUCTION		03.0	CR	
1	02.00	M W F	M1	112	

**Commercial Art (\*CA)**

140	INTR-AD STORY ILLUS				10.0	CR	
	PREREQ	*CA 130					
1	08.00-11.50	MTWTHF	NI	101			
2	01.00-04.50	MTWTHF	NI	101			
210C	ADVER & STORY ILLUS			07.0	CR		
1	08.00-11.50	M W F	NI	107		HOFFMAN RICHARD A	
2	01.00-04.50	M W F	NI	107		MARTIN KENNETH D	
230C	TECHNICAL ILLUSTR			06.0	CR		
1	08.00-11.50	T TH	NI	107		HOFFMAN RICHARD A	
2	02.00-05.50	T TH	NI	107		MARTIN KENNETH D	

**Corrections and Law Enforcement (\*CLE)**

105	CRIMINAL BEHAVIOR			04.0	CR		
1	04.00-05.40	M W	H3	154		BURNS HENRY JR	
113	COR AND THE COMM			03.0	CR		
1	06.30-09.00 PM	TH	H3	154		BURNS HENRY JR	
207	ASSESS IN CRIM			03.0	CR		
1	06.30-09.00 PM	W	H3	154			
209	LAW AND CORR			03.0	CR		
1	06.30-09.00 PM	M	H3	154		BURNS HENRY JR	
211	LAW AND POLICE WORK			03.0	CR		
1	06.30-09.00 PM	W	H3	153		PHELPS ROBERT C	
213	SP PROB - CRIME CON			03.0	CR		
1	06.30-09.00 PM	T	H3	154		PHELPS ROBERT C	

**Dental Hygiene (\*DH)**

135C	ORAL BASIC SCIENCE			03.0	CR		
1	09.00-11.50	F	FI	110		CAVANESS GEORGE R	
137B	PRECLINICAL DEN HYG			04.0	CR		
1	09.00-11.50	M	FI	109		JOHNSON JANE M	
	01.00-03.50	TH	FI	109			
2	09.00-11.50	T TH	FI	109			
139	DENTAL NUTRITION			03.0	CR		
1	02.00	M W F	H EC	101			
210C	CLINICAL DENTAL HYG			05.0	CR		
1	09.00-11.50	MTW F	F3	132			
	12.00	F	FI	110		PIERPONT LUCILLE M	
2	01.00-03.50	MTW F	F3	132			
	12.00	F	FI	110		PIERPONT LUCILLE M	
213B	DENTAL ASSISTING			03.0	CR		
1	09.00-11.50	TH	FI	110		CAVANESS GEORGE R	
216A	DENTAL ADM PRACTICE			02.0	CR		
1	12.00	M W	FI	110		BUSHEE ELEANOR JAN	
216B	DENTAL ADM PRACTICE			02.0	CR		
1	02.00-03.50	TH	FI	110		BUSHEE ELEANOR JAN	

**Data Processing (\*DP)**

101A	AUTO DATA PROC MACH			05.0	CR		
1	01.00	MTWTHF	H4	134		FITZPATRICK MICHAEL	
	02.00	MTWTHF	H4	137		FITZPATRICK MICHAEL	
103A	COMP PROG			05.0	CR		
	PREREQ	DP 101					
1	08.00	MTWTHF	H4	134		ROBB JAMES	
	09.00	MTWTHF	H8	235		ROBB JAMES	
104	DP INFO			05.0	CR		
	PREREQ	*DP 10CA,101					
1	11.00	MTWTHF	H4	134		FITZPATRICK MICHAEL	
	12.00	T TH	H8	235			
2	02.00	MTWTHF	H4	134		ROBB JAMES	
	03.00	T TH	H8	235			
107	AUTO DP CONCEPTS			03.0	CR		
1	10.00	M W F	H4	134			
	10.00	T TH	H4	137			
201A	PROG OPERATING SYS			05.0	CR		
	PREREQ	DP 103A					
1	08.00	MTWTHF	H4	133		DICK ROBERT OLIVER	
	09.00	MTWTHF	H8	140			
203C	BUS COMP PROG			05.0	CR		
	PREREQ	203B					
1	03.00	MTWTHF	H4	133		LOHMEIER DAVID D	
	04.00	MTWTHF	H8	140			

2	10.00	MTWTHF	H4	133	LOHMEIER DAVID D
	11.00	MTWTHF	H8	140	
206A	PROGRAM OPERAT SYST			05.0	CR
	PREREQ DP 103				
1	12.00	MTWTHF	H4	133	DICK ROBERT OLIVER
	01.00	MTWTHF	H8	140	
207	DP FIELD PROJ			05.0	CR
	PREREQ DP 201				
1	TO BE ARRANGED				STARKEY RICHARD D
2	TO BE ARRANGED				FITZPATRICK MICHAEL

### Dental Laboratory Technology (\*DT)

101C	DENTAL PROSTHET LAB			06.0	CR
1	02.00-04.50	M W F	F3	128	LEEBENS WILLIAM M
	01.00-04.50	T TH	F3	128	
2	02.00-04.50	M W F	F3	127	BYKOWSKI PETER
	01.00-04.50	T TH	F3	127	
125C	DENT PROSTH THEORY			03.0	CR
1	01.00	M W F	F3	128	LEEBENS WILLIAM M
2	01.00	M W F	FI	110	BYKOWSKI PETER
201C	CROWN & BRIDGE -AB			06.0	CR
1	09.00-11.50	M W F	F3	128	CHRISTY CHARLES Q
	08.00-11.50	T TH	F3	128	
2	09.00-11.50	M W F	F3	127	LAKE DENNIS J
	08.00-11.50	T TH	F3	127	
202	PROFESSIONAL ETHICS			02.0	CR
1	01.00	T TH	FI	110	
225C	CROWN & BRIDGE THEO			03.0	CR
1	08.00	M W F	F3	128	CHRISTY CHARLES Q
2	08.00	M W F	FI	110	LAKE DENNIS J

### Electronics Technology (\*ELT)

101C	BASIC ELEC AP & SYS			04.0	CR
1	09.00-10.50	MTWTHF	M3	109	MORRIS CARL E
2	01.00-02.50	MTWTHF	M3	109	MORRIS CARL E
101F	BASIC ELEC AP & SYS	02.0	TO	15.0	CR
1	07.55-10.00 PM	M W	M3	107	
125C	BASIC ELECT THEO			05.0	CR
1	12.00	MTWTHF	M3	107	SCHULTZ RAYMOND
2	12.00	MTWTHF	M3	110	CORBELL DENNY M
125F	BASIC ELEC THEORY	02.0	TO	15.0	CR
1	06.30-07.45 PM	M W	M3	107	
131	DIAGNOSTIC ANALYSIS			03.0	CR
1	08.00	M W F	M3	110	SCHULTZ RAYMOND
2	03.00	M W F	M3	110	CORBELL DENNY M
139	COMPUTER SYST APPL			03.0	CR
	PREREQ *ELT 225B				
1	01.00	M W F	M3	110	CORBELL DENNY M
201C	ADV ELECT APPL			04.0	CR
	PREREQ *ELT 201B				
1	09.00-10.50	MTWTHF	M3	112	
2	02.00-03.50	MTWTHF	M3	112	
225C	ADV IND SYSTMS THEO			05.0	CR
	PREREQ *ELT 225B				
1	11.00	MTWTHF	M3	110	CALDWELL PAUL NEWELL

### Forest Products Technology (\*FP)

101C	WOODWORK-FURN CONST			05.0	CR
1	09.00-11.50	M W F	L4	108	OSBORN HAROLD WILBUR
	08.00-10.50	T TH	L4	108	
125C	PROD WOODWKG THEORY			03.0	CR
1	08.00	M W F	L4	106	OSBORN HAROLD WILBUR
131	LUMBER GRADING			02.0	CR
1	11.00	T TH	L4	106	OSBORN HAROLD WILBUR
	12.00	TH	L4	108	
201C	WOODWORK-PROD PROC			05.0	CR
1	02.00-04.50	MTWTHF	L4	108	CARMAN ALGA LEE
225C	PROD WOODWKG THEORY			03.0	CR
1	01.00	M W F	L4	106	CARMAN ALGA LEE



250	PLANT ORG AND OPER	03.0 CR	
	PREREQ 101 AND 201A,B OR CONSENT OF ADVISER		
1	09.00 M W F L4	106	CARMAN ALGA LEE

### General (\*GEN)

101	BUSINESS CORRESP	03.0 CR	
	PREREQ GSD 101A		
1	09.00 M W F FI	107	
2	11.00 M W F FI	107	
102	TECHNICAL WRITING	03.0 CR	
1	09.00 M W F M3	103	
2	10.00 M W F L2	105	
3	12.00 M W F M3	103	
4	02.00 M W F M3	103	
5	04.00 M W F AVTECH	117	
105A	BUS & TECH MATH	03.0 CR	
	PREREQ SATISFACTORY ACT MATH SCORE OR *GEN 106		
1	08.00 M W F H3	151	
2	12.00 M W F H3	151	
105B	BUS & TECH MATH	03.0 CR	
	PREREQ SATISFACTORY ACT MATH SCORE OR *GEN 106		
1	10.00 M W F H3	151	
2	12.00 M W F H3	151	
3	02.00 M W F H3	151	
4	03.00 M W F AVTECH	116	
115A	INTRO TO CHEMISTRY	04.0 CR	
	PREREQ DENTAL HYGIENE STUDENT OR CONSENT OF ADVISOR		
1	08.00-09.50 M W F F3	144	SMITH DONALD
118	APP CALCULUS	04.0 CR	
	PREREQ GSD 114A,114C		
1	08.00 MTWTH M3	103	
120	APPLIED PHYSICS	04.0 CR	
	PREREQ GSA 101A,*GEN 107		
1	08.00 M W M3	101	HARBISON JAMES L
	08.00-09.50 T TH M3	101	
2	10.00 M W M3	101	HARBISON JAMES L
	10.00-11.50 T TH M3	101	
141	INTRO TO PHYSIOLOGY	05.0 CR	
1	11.00 MTWTHF F3	144	SMITH DONALD
201	JOB ORIENTATION	02.0 CR	
1	12.00 T TH H3	153	JOHNSTON CHESTER
2	01.00 T TH H3	153	JOHNSTON CHESTER
232	MGT-LABOR RELATIONS	04.0 CR	
1	03.00 MTWTH H3	151	
2	01.00 MTWTH AVTECH	116	DILLARD DALE OWEN

### Highway and Civil Technology (\*HCT)

101C	SURVEYING	05.0 CR	
1	08.00-11.50 M W F L3	119	BASSETT
105B	STRUCTURAL DRAFTING	03.0 CR	
1	02.00-04.50 T TH L3	119	STALEY GLENN L
107	SOILS	03.0 CR	
1	08.00-10.50 T TH L3	119	STALEY GLENN L
209	ROUTE SURVEYING	05.0 CR	
	PREREQ *HCT 101A,B,C		
1	01.00-04.50 M W L3	119	STALEY GLENN L
	01.00-02.50 F L3	119	
213	ROADWAY DES & CONST	05.0 CR	
1	01.00-04.50 T TH L3	120	BASSETT FRANKLIN

### Mortuary Science (\*MS)

208	PUB HLTH LAWS & REG	02.0 CR	
1	04.00 M W L3	109	HERTZ DONALD GORD
210A	PSYCH FUNERAL SERV	03.0 CR	
	PREREQ PSYC 305 OR 307		
1	02.00 M W F L3	109	BOULANGER JAY W

210B	PSYCH FUNERAL SERV			03.0	CR	
	PREREQ *MS 210A					
1	11.00	M W F	L3	109		HERTZ DONALD GORDON
225B	EMBAL TH & PRAC			05.0	CR	
1	03.00	M W F	L3	109		BOULANGER JAY W
	02.00-04.50	T TH	L3	106		
250	MORTUARY MANAGEMENT			05.0	CR	
	PREREQ *MS 101					
1	01.00	MTWTHF	L3	109		HERTZ DONALD GORDON

### Machine Drafting and Design Technology

(\*MT)

101C	GRAPHICS			07.0	CR	
1	08.00-10.50	MTWTHF	MI	101		BEAUCHAMP CLARENCE J
2	02.00-04.50	MTWTHF	MI	101		
127	ELEC HYD PN CONTRLS			03.0	CR	
	PREREQ 101 VTI G 107					
1	08.00	M W F	LI	105		SANDERS EUGENE T
2	03.00	M W F	LI	105		SANDERS EUGENE T
175A	TECHNICAL DRAWING			03.0	CR	
1	09.00	MTWTHF	HI	238		SANDERS EUGENE T
2	02.00	MTWTHF	MI	107		SANDERS EUGENE T
3	03.00-04.50	M W	AVTECH	106		BEAUCHAMP CLARENCE J
	03.00	F	AVTECH	106		BEAUCHAMP CLARENCE J
175C	TECHNICAL DRAWING			04.0	CR	
1	02.00	MTWTHF	HI	238		LAMPMAN D L
201C	MACH DRAFTG DESIGN			07.0	CR	
	PREREQ 227 CONCURRENTLY OR CONSENT OF ADVISER					
1	11.00-01.50	MTWTHF	MI	101		MUHICH FRANK W
227	TOOL DESIGN			03.0	CR	
	PREREQ 201C CONCURRENTLY, OR CONSENT OF ADVISER					
1	10.00	M W F	HI	238		LAMPMAN D L

### Printing Technology

(\*PT)

101C	PRESS LAB-OFFSET			06.0	CR	
1	02.00-04.50	MTWTHF	L3	110		BRITT DAVID A
125C	PRESS THE-OFFSET			03.0	CR	
1	01.00	M W F	M4	102		BRITT DAVID A
201C	COMPOSITION LAB			06.0	CR	
1	09.00-11.50	MTWTHF	L3	110		CORNELL HORACE E
225C	COMPOSITION THEORY			03.0	CR	
1	08.00	M W F	L3	109		CORNELL HORACE E
251	EST AND COSTS PRINT			03.0	CR	
	PREREQ CONCURRENT ENROLLMENT IN 201C AND 225C					
1	11.00	M W F	000000	107		BRITT DAVID A

### Physical Therapy

(\*PTH)

207	MASSAGE			02.0	CR	
	PREREQ PHSL 300-4, GSA 301-4					
1	12.00	M	WHAM	124		OKITA TED Y
209	THERAPEUTIC EXER I			03.0	CR	
	PREREQ PE 303, PHSL 300					
1	01.00-02.50	W	WHAM	124		OKITA TED Y
211	PHYS REHAB TECH			03.0	CR	
	PREREQ PE 303, PHSL 300					
1	02.00	M W	LS II	250		
221	CLINICAL INTERNSHIP			06.0	CR	
	PREREQ ALL REQUIREMENTS OF PROGRAM					
1	TO BE ARRANGED					OKITA TED Y
222	CLINICAL SEMINAR			02.0	CR	
	PREREQ CONCURRENT REGISTRATION IN PTH 221					
1	TO BE ARRANGED					

### Retailing, Cooperative

(\*RET)

127A	SALESMANSHIP			03.0	CR	
1	01.00	M W F	FI	112		THOMPSON RONALD W
179	RETAIL MATHEMATICS			05.0	CR	
1	09.00	MTWTHF	FI	111		SODERSTROM RUTH B

205	MERCHANDISING PRIN			04.0	CR	
1	10.00	MTWTH	FI	112		SODERSTROM RUTH B
207A	SALES PROMOTION			04.0	CR	
1	02.00	MTWTH	FI	106		ELDER WALTER J
2	08.00	MTWTH	FI	106		ELDER WALTER J
208B	FASHION MERCH			02.0	CR	
1	01.00	T TH	FI	112		SODERSTROM RUTH B
224	RET STORE ORG & MGT			04.0	CR	
1	11.00	MTWTH	FI	112		THOMPSON RONALD W
2	09.00	MTWTH	FI	112		THOMPSON RONALD W

### Secretarial (\*SCR)

101C	TYPEWRITING			03.0	CR	
1	09.00	MTWTHF	FI	121		GREATHOUSE LILLIAN
2	10.00	MTWTHF	FI	121		GREATHOUSE LILLIAN
3	11.00	MTWTHF	FI	121		GREATHOUSE LILLIAN
4	12.00	MTWTHF	FI	121		RICHEY HELEN E
5	06.30-09.30 PM	M W	FI	121		
104C	SHORTHAND			06.0	CR	
1	08.00-09.50	MTWTHF	FI	102		GREATHOUSE LILLIAN
2	09.00	MTWTHF	FI	106		VANCIL ALICE L
	10.00	MTWTHF	FI	102		
3	12.00-01.50	MTWTHF	FI	107		CASE RONALD L
4	01.00-02.50	MTWTHF	FI	121		
5	06.30-10.00 PM	T TH	FI	107		
107	FILING & DUPLICTG			03.0	CR	
	PREREQ 101A OR	CONSENT OF ADVISER				
1	08.00	MTWTH	FI	103		VANCIL ALICE L
2	01.00	MTWTH	FI	103		NORMAN WINIFRED S
3	06.30-09.00 PM	T TH	FI	103		
112	JURY CHARGE			04.0	CR	
1	04.00	MTWTHF	FI	102		MIRIANI THERESA B
120C	MACHINE SHORTHAND			06.0	CR	
1	11.00	MTWTHF	FI	103		
	12.00	MTWTHF	FI	102		
205B	TYPEWRITING			03.0	CR	
1	08.00	MTWTHF	FI	107		NORMAN WINIFRED S
209B	SHORTHAND			06.0	CR	
1	03.00	MTWTHF	FI	103		
	04.00	MTWTHF	FI	107		
2	09.00	MTWTHF	FI	103		MIRIANI THERESA B
	10.00	MTWTHF	FI	107		NORMAN WINIFRED S
210	TWO-VOICE TESTIMONY			04.0	CR	
1	03.00	MTWTHF	FI	107		MIRIANI THERESA B
214A	COOP SEC EXP			02.0 TO 05.0	CR	
	PREREQ *SCR 104C					
1	TO BE ARRANGED					JOHNSTON CHESTER E
223	SECRETAR OFF PROC			05.0	CR	
1	11.00	MTWTHF	FI	102		NORMAN WINIFRED S
225B	MEDICAL SHORTHAND			06.0	CR	
1	02.00	MTWTHF	FI	103		TOOLEY JAMES E
	03.00	MTWTHF	FI	102		TOOLEY JAMES E

### Tool and Manufacturing Technology (\*TT)

101C	M TOOL LAB-MILLING			05.0	CR	
1	10.00-12.50	MTWTHF	LI	101		
2	02.00-04.50	MTWTHF	LI	101		
125C	M TOO THE-MILL MAC			03.0	CR	
1	01.00	M W F	MI	107		
176A	MANUFACTURING PROC			03.0	CR	
1	12.00	M W F	MI	107		TRAYLOR GEORGE LEL
201C	ADV T LAB-PROD TOOL			03.0	CR	
1	08.00-09.50	MTWTHF	LI	101		TRAYLOR GEORGE LEL
225C	AD M TOOL THE-COST			03.0	CR	
1	10.00	M W F	MI	107		TRAYLOR GEORGE LEL
275B	METALLURGY-FERROUS			03.0	CR	
1	02.00	MTWTHF	M4	109		
275C	METALLURGY-T STEEL			03.0	CR	
1	03.00	MTWTHF	M4	109		

# **Welding (\*WEL)**

175 OXY-ACET-ELEC ARC

03.0 CR

1	09.00	M W F	M4	107
	09.00	T TH	M4	108
2	11.00	M W F	M4	107
	11.00	T TH	M4	108
3	01.00	M W F	M4	107
	01.00	T TH	M4	108
4	03.00	M W F	AVTECH	131
	04.00	M W F	AVTECH	131





This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center.

1. Write in the *course* and *section* number in the appropriate day and time column.
2. Note: Avoid scheduling two classes at the same time.
3. It is suggested that you also make an alternative schedule.
4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
* *												
* *												

\* Write in times for night classes.



Southern Illinois University  
*Bulletin*

*Schedule of Classes, Summer Quarter, 1971*  
Carbondale



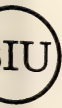
## **This Bulletin**

contains the schedule of classes to be offered by Southern Illinois University Carbondale for the summer quarter, 1971, at Carbondale, Southern Acres, and Little Grassy Lake. It also provides information relative to admission, advancement, registration, and fees.

# Schedule of Classes

*Summer, 1971*

*Southern Illinois University at Carbondale*



*SOUTHERN ILLINOIS UNIVERSITY BULLETIN / Vol. 13,  
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except February, July, and December.*



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# Registration Calendar

## Summer Quarter, 1971

**Monday, April 19–Saturday, June 12; Saturday,  
June 19–Thursday, July 1**

Registration and program change period for graduate students. No graduate student will be admitted or readmitted on June 21, 22, 23.

**Monday, June 14–Friday, June 18**

No graduate registration and no graduate program changes.

**Monday, April 12–Friday, June 4**

Advanced registration for all undergraduate students.

New students should refer to the Advisement and Registration procedure on page 1 for further procedural information.

**ALL CONTINUING UNDERGRADUATE STUDENTS ARE EXPECTED TO BE REGISTERED BY JUNE 4.**

**Wednesday, June 9**

Undergraduate students will have their advanced registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have had approval for deferment of fees and presented the deferral fee cards to the Bursar.

### **Beginning-of-the-Quarter Activities for Undergraduates**

The dates listed below from Sunday, June 20, through Thursday, June 24, are for undergraduates. Graduate students may register through the Graduate School during the dates given above.

*Sunday, June 20*

New student orientation starts.

Residence Halls open.

*Monday, June 21*

Advisement and registration open for all non-registered new and re-entry students only. All new students are expected to be advised and registered by this date. Non-registered continuing students must wait until Wednesday, June 23, to register.

Registration will be located at the S.I.U. Arena from Monday through Thursday, June 24. Arena hours: 8:00–11:30 and 1:00–4:30 daily.

Night classes (5:45 P.M. or later) start.

*Tuesday, June 22*

Day classes start.

Advisement and registration open only for program changes.

*Wednesday, June 23*

Advisement and registration for any non-registered student at the Arena. This is the last day for regular registration. Late fee will be assessed on fees paid by undergraduate after this date.

*Thursday, June 24*

Last day for advisement and registration for the summer quarter, except

or those students registering only for courses whose starting date is after this date. Registration in such cases may take place on the first day of class without the late registration fee being charged.  
 Last day to add a class.  
 Both registrations and program changes will be processed.  
 Late registration fee will be charged on fees paid by undergraduate.  
 Registration ends at 4:30 P.M.

### **Thursday, July 1**

Deadline for payment of fees by students whose fees were deferred.  
 Graduate student registration will be cancelled if fees are not paid at the cursor by 4:00 P.M.  
 Last day to withdraw from school to be eligible for a refund of fees.  
 Last day to drop a course to be eligible for a refund if that drop changes fee categories.

### **Friday, July 16**

Last day for undergraduates to withdraw from a course without receiving a letter grade.  
 Graduate students officially dropping a course after this date need not be given an evaluative letter grade.  
 Last day to change from credit to audit or vice versa for all students. (See Auditing of Courses, page 4)

### **Friday, August 13**

Last day for making a program change or withdrawing from school.

## **Calendar of Events**

### **June**

3, Friday	American College Test (Residual)
9, Saturday	Graduate Record Examination
3, Saturday	Admission Test for Graduate Study in Business

### **July**

7, Saturday	American College Test (National)
7, Saturday	National Teacher Examinations
14, Saturday	Graduate School Foreign Language Tests

For all of the above, pre-registration is required. Applicants should contact the Counseling and Testing Center for details at least 4 weeks before the test.



# University Calendar

<i>SUMMER, 1971</i>	Quarter Begins	Monday, June 21 *
	Independence Day Holiday	Monday, July 1
	Final Examinations	Monday-Friday, August 30-September 1
	Commencement (Edwardsville)	Friday, September 3
	Commencement (Carbondale)	Saturday, September 4
<i>FALL, 1971</i>	New Student Days	Sunday-Tuesday, September 19-21
	Quarter Begins	Tuesday, September 21
	Thanksgiving Vacation	Tuesday, 10 P.M.-Monday 8 A.M., November 23-24
	Final Examinations	Saturday-Friday, December 11-12
<i>WINTER, 1972</i>	Quarter Begins	Monday, January 3
	Washington's Birthday Holiday	Monday, February 2
	Final Examinations	Saturday-Friday, March 11-12
<i>SPRING, 1972</i>	Quarter Begins	Monday, March 27
	Memorial Day Holiday	Monday, May 2
	Final Examinations	Saturday-Friday, June 3-4
	Commencement (Carbondale)	Friday, June 5
	Commencement (Edwardsville)	Saturday, June 10
<i>SUMMER, 1972</i>	Quarter Begins	Monday, June 19
	Independence Day Holiday	Tuesday, July 1
	Final Examinations	Monday-Friday, August 28-September 1
	Commencement (Carbondale)	Friday, September 3
	Commencement (Edwardsville)	Saturday, September 4
<i>FALL, 1972</i>	New Student Days	Sunday-Tuesday, September 17-19
	Quarter Begins	Tuesday, September 19
	Thanksgiving Vacation	Tuesday, 10 P.M.-Monday 8 A.M., November 21-22
	Final Examinations	Saturday-Friday, December 9-10
<i>WINTER, 1973</i>	Quarter Begins	Tuesday, January 2
	Washington's Day Holiday	Monday, February 1
	Final Examinations	Saturday-Friday, March 10-11
<i>SPRING, 1973</i>	Quarter Begins	Monday, March 26
	Memorial Day Holiday	Monday, May 2
	Final Examinations	Saturday-Friday, June 2-3
	Commencement (Edwardsville)	Friday, June 4
	Commencement (Carbondale)	Saturday, June 9

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\* Classes begin with the evening classes after 5:30 P.M. at Carbondale and with the evening classes after 4:30 P.M. at Edwardsville.



# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the summer quarter, 1971, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## Admission

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## Registration and Advisement

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the Graduate School, where all registration forms will be completed and retained. Graduate students will be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. No late fee will be assessed during this period. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday, and from 8:30 to 11:30 A.M. on Saturday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses to take.

Merely attending does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for

asking that a program change be approved permitting registration in that class.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Registrar's Office.

New graduate students may register during the registration period indicated on the registration calendars. Arrangements should be clear with the Graduate School to do so to assure that the appropriate advisement will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but re-enter during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admission Office for undergraduate students and Graduate School for graduate students) advisement appointments should be made at the advisement office of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University should schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students preparing for a degree program should contact the departmental adviser for pre-advisement. Unclassified graduate students in other categories may report directly to the Graduate School for registration procedure. Unclassified students who are planning to take qualifying courses must report those courses to the Graduate Admissions office before registering each quarter.

### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Admissions

Office at Carbondale either an official transcript of their University record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the Admissions Office is to permit the necessary coding changes to be made so that pertinent information about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

### Payment of Fees

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Certificate of Registration at that time. When fees are paid by mail the Certificate will be mailed to the address given by the student on the back of his fee statement. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times. Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on Thursday, July 1, 1971.

### Fees for a Regular Quarter

The University reserves the right to change fees and to have the change into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Admission Fee—Illinois Resident .....	\$39.00	\$78.00	\$117.00
Admission Fee—Out-of-State Resident ....	(133.00)	(265.00)	(398.00)
Student Welfare and Recreation			
Building Trust Fund Fee .....	5.00	10.00	15.00
Book Rental Fee .....	3.00	6.00	8.00
Student Activity Fee .....	3.50	7.00	10.50
University Center Fee .....	5.00	5.00	5.00
Athletic Fund Fee .....	3.00	6.50	10.00
<i>Total</i> —Illinois Resident .....	<u>\$58.50</u>	<u>\$112.50</u>	<u>\$165.50</u>
<i>Total</i> —Out-of-State Resident .....	<u>(152.50)</u>	<u>(299.50)</u>	<u>(446.50)</u>

Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week. Graduate students do not rent their textbooks and do not pay the book rental fee. They must purchase their books.

Students having special fee status, such as scholarship holders, faculty, and staff, will pay fees according to their particular status.

The activity fee is prorated according to the number of hours carried.



Health Service benefits vary according to the amount paid. In certain instances graduate assistants, research assistants, graduate fellows, or students on fee code 27 may seek permission from the health service to pay the full activity fee even though they are only part time students. Written consent from the Health Service must be presented at the time of registration so that the student may be properly assessed.

### **Late Registration**

A late registration fee will be charged any undergraduate student registering after the date specified in the Registration Calendar. Graduate students will not be charged a late fee if they register within the period indicated in the Registration Calendar.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on the record cards maintained in the Registrar's Office. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

### **Program Changes**

Students are officially registered only for those courses appearing on the schedule of classes. Any change therefrom can be made only after fees are paid and must be made through an official program change, which includes the following steps:

1. **Initiating the change.**

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the Graduate School. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. **Registration.**

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

### **Dropping a Course**

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is the last day of the fourth week of a quarter. Graduate students may not necessarily receive a grade for dropping after the fourth week. (Refer to Registration Calendar.)

### *Changing Fee Status*

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

### **Withdrawing from School**

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Registrar's Office to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by Thursday, July 1.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Registrar's Office in person or by writing to the Dean of Students' Office. This must be done by the end of the first two weeks, if he expects to get a refund.

### **Cancellation of Registration**

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register for scholastic reasons. The same situation may exist due to financial or disciplinary reasons if certified to the Registrar by the Dean of Students.

### **Personal Data Changes**

At the time of registration students are asked to review a Biographic Data Sheet containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

*Local Address Change.*—Housing Office, Graduate School, Registrar's Office, Registration Center, or VTI Office.

*Name Change, Marital Status Change, Date of Birth Change.*—Records section of the Registrar's Office. Verification is required.

*Selective Service Data Change or Information.*—Registration Center.

*Legal Residence Change* (whether an Illinois or out-of-state resident).—Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Registrar's Office. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.



## 2 / Summer Workshops and Institutes

### Child and Family

*Human Sexuality* (Child and Family 408-2, Section 2) July 5-16, Monday through Friday, 9:30-11:20. Biological criteria in sex role determination; the relationship of sexual mores and customs to a person's self-concept of sexuality; and the relevance of current scientific investigations of the psycho-physiology of human sexual response. Mrs. Mary Hicks.

*Developing Achievement Motivation in the Disadvantaged Child* (Child and Family 408-2, Section 3) July 19-30, Monday through Friday, 9:30-11:20. Teachers could benefit from the new findings in developing motivation in the disadvantaged child, as this knowledge could appreciably improve their effectiveness. To supply this knowledge, the workshop stresses two environmental areas that affect the motivation of the disadvantaged child: first, the ways in which family, community, and peer group exert influences that retard or advance positive attitudes, self-concept, and other requisites of achievement motivation and, second, the nursery school and elementary school as an agency for developing the attribute in disadvantaged children. This involves programs of curricular innovation, new understandings about the teacher learning process, and specific personality characteristics that should be developed by the educational programs. Timothy Flynn.

*Family Guidance Through Community Services* (Child and Family 408-2, Section 4) August 2-13, Monday through Friday, 2:30-4:20. An orientation to various state and private agencies, religious organizations, and the services they offer to families who need help in the area of physical and mental health, finances, and crisis situations. The student becomes familiar with present trends and legislation which support community based family counselling service programs. Included are techniques of referral of families needing help. Student participation in development and use of community resources within their area of employment is encouraged.

*Black American Child* (Child and Family 408-2, Section 1) July 21-July 2, Monday through Friday, 9:30-11:20. Understanding the influences of the black child's social and cultural environment. The workshop develops insight into the black child as a person, as a member of the family, school, and community. Other specific topics include characteristics of the disadvantaged child, special problems and needs, influences of poverty on child relationships, economic influences upon children's learning and motivation, and other areas of group interest.

## Clothing & Textiles

*Foundations of Fashion* (Clothing and Textiles 432-4, Section 1) June 21-July 16, Monday through Friday, 9:30-11:20. Anthropological approaches to fashion and socio-economic and psychological forces as determinants of fashion in modern times. Thelma Berry.

*Fitting and Alterations* (Clothing and Textiles 432-4, Section 2) June 21-July 16, Monday through Friday, 1:30-3:20. Fitting of commercial patterns, fitting for men, alterations of ready-to-wear garments. Thelma Berry.

## Driver and Safety Education

*Driver Simulation* (Health Education 445s-4) June 22-July 16, 9:30-4:20. For in-service and pre-service teachers and supervisors of driver and traffic safety education. Deals with simulation use and roles in driver and traffic safety education, methods of instruction, equipment familiarization, program development and objectives. Prerequisite: 443s or consent of instructor.

*Highway Safety as Related to Stimulants and Depressants* (Health Education 470s-4) July 19-August 6, 8:30-10:20. Relationship between alcohol and drugs and traffic accident causes. A review of the concepts and educational programs designed to alleviate alcohol- and drug-related accidents. Prerequisite: advanced standing or consent of instructor.

*Driver Education for the Handicapped* (Health Education 495s-4) July 19-August 6, 12:30-2:20. A study of the methods and techniques designed to teach handicapped persons how to drive. Consideration of programs for EMH and physically handicapped. Familiarization with assistive equipment and program materials. Prerequisite: Advance standing or consent of instructor.

*Current Developments in Driver and Safety Education* (Health Education 550s-4) July 19-August 6, 2:30-4:20. Current problems, trends, and developments are reviewed, analyzed, and evaluated relative to driver and safety education. Prerequisite: advanced graduate standing and consent of instructor.

## Family Economics & Management

*Methods and Materials in Home Management* (Family Economics and Management 407-2, Section 1) July 19-30, Monday through Friday, 7:30-9:20. Exploration of basic concepts in home management and ways of presenting these to groups at various educational levels. Selected teaching aids and their evaluation. Of particular interest to those who work in education, extension, and business and who wish to apply managerial principles to the solution of family problems. Betty Jane Johnston.

*Decision Making for Consumers* (Family Economics & Management 407-2, Section 2) July 19-30, Monday through Friday, 11:30-1:20.

Theories of decision making are identified as they relate to use of family resources. Then they are applied to choices which must be made to meet specific wants related to housing and to protection, particularly buying health and life insurance. This workshop should be of interest to anyone dealing with how and why consumers make choices, especially those teaching consumer education from a problem-solving approach. Karen Craig.

### **Food and Nutrition**

*School Lunch Program* (Food and Nutrition 247a-2) June 14-18, Monday through Friday, 9:00-4:00. Lecture, discussion, and demonstration of quantity food production menu planning, principles of nutrition institutional equipment, record keeping, sanitation, principles of merchandising, and principles of administration as they apply to the school lunch personnel. Henrietta F. Becker.

### **Health Education**

*Workshop in Health Education* (Health Education 461-4, 462-4 and 463) July 19-August 13, Monday through Friday, 1:20-4:40. "Emotional Health: A Critical Challenge for the 1970's" is the theme. Focuses are on some variety of personality theories and modes of therapy, or chemical mood modifiers as helping and hindering factors in emotional functioning, and on the supportive and frustrating effects of relations between the sexes. Emphasis is on discovering and developing some tangible ways of achieving and maintaining good emotional health in today's world. The essential task for participants is to translate facts and ideas into teaching approaches and/or materials for use in school or college classrooms or in community settings.

### **Higher Education**

*Administration and Admission of Records: Foreign Student* (Higher Education 535h-2) June 22-July 2, Monday through Friday. An admission and advisement workshop on international students, dealing in a concentrated way with current problems of the foreign student and the institution. Detailed discussion by authorities on the pressing topics of admission, financial aid, work permits, evaluation of foreign credits, immigration problems, cultural shock, counseling, and problems of the return to the home country. Also includes discussion of the future of international student exchange in the light of world understanding.

*Adult and Continuing Education* (Higher Education 535k-2) July 12-23, Monday through Friday, 1:30-3:20. For community and junior college deans and directors of adult and continuing education, extension and community services. Individual administrator's and group concerns and issues will be treated. Presentations on selected subjects relating to such special problems areas as administration, public relations, advisory committees, funding, services to special groups, and the need of adult students and of the teachers of adults. Dr. Hawley and D. Swinburne.

*Junior College Administration* (Higher Education 535i-2) June 23-July 16, Monday, Wednesday, Friday, 1:30-3:20. Explores major



spects of the administration of community and junior colleges. Attention given to the duties and responsibilities of board members, presidents, deans, business managers, and other administrative personnel. Readings and discussions focus upon theories of educational administration and organization appropriate to the two-year college. Dr. Tolle.

*Law, Legislatures, and Higher Education* (Higher Education 545s-2) August 2-13, Monday through Friday, 1:30-3:20. Workshop for student personnel administrators in senior colleges and universities. A study in depth of recent laws and court decisions affecting the student/college relationship. Attention given to the application of proper legal procedures dealing with the college relationship and the special needs of students. Dr. Casebeer and Dean Hammond.

*Student Financial Aid Program Development and Administration* (Higher Education 545v-3) June 22-July 9, Monday through Friday, 1:30-3:20 (plus 6-8 hours in special sessions at the Office of Student Work and Financial Assistance). Deals with student financial aid program development on local, state, and national levels, with implications for implementation in junior and senior colleges and universities. Emphasizes the importance of providing equality of educational opportunity for those who lack the financial resources to attend college. Dr. Adams.

*Student Personnel Group Work: Community College* (Higher Education 535c-2) July 19-30, Monday through Friday, 1:30-3:20. General overview of college student personnel group work designed for the personnel worker of the community or junior college. A study in depth of the methods of working with student groups, using procedures of organization and function of an integrated personnel program on the two-year college campus. Dr. Casebeer.

## **Home Economics Education**

*Wage Earning* (Home Economics Education 507-4, Section 1) July 19-August 13, Monday through Friday, 7:30-9:20. Planned to prepare home economics teachers to initiate and carry on gainful employment programs in home economics related jobs. Anna Carol Fults.

*Individualized Instruction* (Home Economics Education 507-2, Section 3) July 19-30, Monday through Friday, 1:30-2:20. Teachers study the philosophy, theories, and concepts related to individualized instruction and examine methods that are currently being practiced in this country. Opportunity is available for the teachers to fashion individualized instruction for use in their own situations. Edna J. Eddleman.

*Concepts and Generalizations* (Home Economics Education 507-4, Section 2) June 21-July 16, Monday through Friday, 11:30-1:20. Development of a better understanding of concepts and generalizations and their use in teaching. Preparation of curriculum materials for use in varied situations. Dorothy Keenan.

*Supervision for Cooperating Teachers* (Home Economics Education 507-2, Section 4) August 2-13, Monday through Friday, 9:30-11:20. Home economics education cooperating teachers examine and experience

some new communication approaches to aid them in their role as developers of the potential of student teachers. Cooperating teachers have an opportunity to examine and study educational concepts being taught in professional home economics education courses that are new to them. It is expected that the job of the cooperating teacher will be made easier and her influence more effective. Common problems should be easier to handle. Rose M. Carter, Edna J. Eddleman.

*On-Site Training for Prospective Home Economics Teachers Working with Rural and Inner-City Disadvantaged* (Home Economics Education 507-6, Section 5) June 21-July 30, Monday through Friday. This on-site program, designed for the Chicago and rural poverty areas of southern Illinois, develops an intimate association between the prospective teachers and (a) the personnel and services of social service agencies, the courts, and vocational guidance centers; (b) the hard-core reality of rural and inner-city living: homes, schools, and socio-economic environment; and (c) the people who live in the inner cities and in depressed rural areas. Violet Moore.

*Consumer and Homemaking Programs* (Home Economics Education 507-2, Section 6) July 5-16, Monday through Friday, 1:30-3:20. Developing consumer-homemaking programs for the secondary school with emphasis on the dual role. Attention is given to disadvantaged. Fults, Carter, Eddleman.

*Curriculum Development for Disadvantaged Learners in Home Economics* (Home Economics Education 507-4, Section 7) June 21-July 16, Monday through Friday, 7:30-9:20. Characteristics of disadvantaged students are interpreted in light of their effect on the curricular structure. Assistance is given for structuring curriculum for these learners, developing appropriate teaching aids, and planning evaluative devices. Of special interest to home economics teachers dealing with the disadvantaged learner. The end product is a curricular structure with supporting teaching materials for use at the local level. Carter.

### **Instructional Materials**

*Classroom Teaching with Television* (Instructional Materials 450-4) August 16-27. For in-service teachers who wish to utilize television in their classroom. The viewing and discussion of television programs is made possible by using video tapes and kinescopes. The course is applicable to all levels of the public schools.

### **Interior Design**

*Home Furnishings and Interior Design* (Interior Design 418-2, Section 1) July 19-30, Monday through Friday, 7:30-9:20. Discussion and lab experience dealing with current practice and teaching techniques for home economics educators; use of human factors engineering research in furniture selection and arrangement, lighting, color usage, etc.

*Furniture Design and Construction* (Interior Design 418-4, Section 2) June 21-July 16, Monday through Friday, 1:30-4:20. The use of human factors engineering data in the design of original seating units.



cludes the production of large-scale working drawings and mock-ups. Walter J. Moran.

## Journalism

*Summer Workshop in Journalism*, July 4-31, \$225. For juniors and seniors in high school as of September, 1971. Four weeks of theory and practice in producing secondary school yearbooks and newspapers. Three divisions: beginning newspaper, advanced newspaper, and yearbook. Actual publications produced: *JuLion*, a 12-page yearbook-like booklet; "The Workshop Journal," weekly newspaper; and a page each Saturday in the *Daily Egyptian*. Upper half of high school class.

## Music

*Music in the Elementary School* (Music 455-3) June 21-26, 8:30-10:15, 3:30-5:30. In-depth practical instruction in the many facets of music in the elementary school. Guest lecturers include Dr. Robert B. Smith, outstanding author of the book, *Music in a Child's Education*; Mrs. Meg Peterson, recognized authority on autoharp, author of *Many Ways to Play the Autoharp*; Dr. William Johnson, Illinois state supervisor of music. Other aspects will be taught by Dr. Catherine McHugh, professor of music, who will also serve as co-ordinator for the workshop.

*Music for Exceptional Children* (Music 483-3, Section 2) June 28-July 3, 8:30-10:15, 3:30-5:30. For special education teachers and music teachers who work with exceptional children. Miss Lane Ann Dexter, music therapist for the Fraser School in Minneapolis, Minnesota, will be the principal resource person. Other lecturers will include Miss Marjorie Reenes, music supervisor for Springfield, Illinois, Public School and author of a resource guide on "Music for the Handicapped" published by the State of Illinois; Dr. Robert B. Smith, professor, University of Illinois-Champaign, author of *Music in a Child's Education*. Additional resource personnel will be drawn from the faculty of the School of Music. Dr. Catherine McHugh will serve as co-ordinator.

*Sounds, Tapes, and Imagination* (Electronic Workshop Music 99-2) Section 2: June 21-26. Section 3: June 28-July 3. Assists the teacher or composer in the beginning techniques of electronic music. Particular emphasis is on the formative, low-budget laboratory and its utilization. 2 hours daily individual studio time available to all participants. Bottje, Oldfield.

*Music and Youth at Southern Illinois University*. July 5-18, morning, afternoon, evening. Offers to high school musicians in Southern Illinois and surrounding areas a unique experience in music learning on the campus. The two-week sessions include participation in band, chorus, orchestra, piano, stage band.

*Opera Workshop* (Music 346, 568-6 to 8) June 21-July 30. Hot Springs, Arkansas. Registration for the annual Opera Workshop will be limited and must be made by June 1, 1971. For those who desire, six to eight hours of credit may be given. Six weeks of intensive vocal and opera training under the direction of Marjorie Lawrence.

*Summer Music Theater* (Music 347, 568) June 20–September 1. Talented singers, actors, dancers, technicians, and orchestra personnel come to the campus of Southern Illinois University at Carbondale from colleges and universities throughout the United States for a summer of performing and instruction in the Broadway Musical repertoire. Participants receive full-load graduate and undergraduate academic credit. W. Taylor, M. Hanes.

### **Physical Education for Men**

*Basketball* (Physical Education for Men 404–2) June 21–25, 1:00–5:00. Emphasis is on organization of the total pressure offense and defense. This includes converting from defense to offense quickly through the fast break and into the set offense, as well as making the transition from offense to defense through pressure techniques. Individual drills and team drills. Lambert and Wilkinson.

*Wrestling* (Physical Education for Men 404–2) June 25–July 2, 1:00–5:00. For the beginning wrestling teacher and coach. Basic skills, theories, and philosophy of wrestling. Emphasis is on set up and counter moves. One period is devoted to the International Freestyle Wrestling program. Long and Wilkinson.

### **Physical Education for Women**

*Contemporary Dance Workshop* (Physical Education 444–1 to 4) June 23–July 31, Monday through Friday, 1:30–4:30. An intensive course in dance technique and theory, composition, improvisation, and production. At the graduate level, attention is given to the advanced study of the problems of choreography and production. Winston Gray.

### **Psychology**

*Theory and Practice in the Preschool* (Psychology 459–4). For those who are either preparing for or engaged in preschool education. Examines a variety of topics and provides lectures, demonstrations, and practicum experience in the Child Study Cooperative Nursery. Offered on a four-week basis. Prerequisite: consent of instructor.

### **Secretarial and Business Teacher Education**

*Simulation in Vocational Business Education* (Secretarial and Business Teacher Education 414b–3) June 22–July 9, Monday through Friday, 2:30–4:30. Includes preparation of a series of correlated projects of simulation in office occupations or retailing. Students prepare projects in their field of vocational interest. Each participant completes a set of simulated projects for actual and immediate use.

*Vocational Business Education Workshop* (Secretarial and Business Teacher Education 411–1 to 2) August 19, 8:00–5:00 and 7:00–9:00 and August 20, 8:00–5:00. Emphasis is on vocational business education programs in office occupations and retailing in our objective to reach the academically deprived and potential dropouts. A project is required of those who enroll for credit.

# 3 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

000-099	Course not properly in the following categories
100-199	For freshmen
200-299	For sophomores
300-399	For juniors and seniors
400-499	For seniors and graduate students
500-600	For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used



in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	NKRS A:	James W. Neckers Building A
AG:	Agriculture Building	NKRS B:	James W. Neckers Building B
ALLYN:	Allyn Building	NKRS C:	James W. Neckers Building C
ALTG:	Altgeld Hall	PIERCE:	Pierce Hall (T.P.)
ARENA:	SIU Arena	PULL:	Pulliam Hall (University School)
BAILEY:	Bailey Hall (T.P.)	PULL I:	Pulliam Hall (Industrial Education Wing)
BOAT:	Boat Dock	PULL P:	Pulliam Hall (Physical Education Wing)
BROWN:	Brown Hall (T.P.)	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FELTS:	Felts Hall (T.P.)	TECH B:	Technology Building B
GYM:	Gymnasium	TECH D:	Technology Building D
HDBALL:	Handball Courts	TENNIS:	Tennis Courts
H EC:	Home Economics Building	U CTR:	University Center
LAWSON:	Lawson Hall	WARREN:	Warren Hall (T.P.)
LAKE:	Lake on the Campus	WHAM:	Wham Education Building
LIB:	Morris Library	WHLR:	Wheeler Hall
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant (Building 56)		
OBF:	Old Baptist Foundation		
PARK:	Parkinson Building		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0483	1002 S. Elizabeth
0412	907 S. Forest	0485	1006 S. Elizabeth
0415	807 S. Forest	0487	1010 S. Elizabeth
0429	1009 S. Elizabeth	0551	CESL
0431	1007 S. Elizabeth	0552	CESL
0432	1005 S. Elizabeth	0555	Thompson at Grand
0436	908 S. Forest	0685	506 S. Graham
0437	904 S. Forest	0686	511 S. Graham
0438	900 S. Forest	0701	801 S. Washington
0442	903 S. Elizabeth	0720	Corner of Washington and Park St.
0448	814 S. Forest	0721	East of 0720 on Park St.
0451	810 S. Forest	0725	207 E. Pearl
0452	808 S. Forest	0742	204 E. Park
0453	806 S. Forest	0744	208 E. Park
0461	811 S. Elizabeth	0809	South of President's Office
0465	804 S. Elizabeth		
0481	910 S. Elizabeth		
0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory		
0832	Journalism—next to 0831 (above)		
0833	Journalism Annex—next to 0832 (above)		
0834	Cinema and Photography—next to 0833 (above)		
0842	West of the Agriculture Building's north wing		
0843	Next to 0842 (above)		
0857	Department of Design—east of the Communications Building on Lincoln Drive		

- 0861 General Classrooms—southeast of the Communications Building on  
Lincoln Drive
- 0862 General Classrooms—next to 0861 (above)
- 0864 Northwest of the Agriculture Building's north wing
- 0865 Next to 0864 (above)
- 0871 General Classrooms—southeast of the Communications Building on  
Lincoln Drive
- 0875 General Classrooms—next to 0871
- 0889 901 West Chautauqua

### **Explanation of Entries**

The entry for each course is arranged as follows:

First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.

Second Line: The prerequisite (if applicable).

Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.



# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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## General Studies Area A—Man's Physical Environment and Bio-

### logical Inheritance (GSA)

101A	INTRO-PHYS SCIENCE		04.0 CR	
1	10.30-11.20	M W F	PARK 124	
	01.30-03.20	M	PHY SC 405	WALKER RONALD
2	10.30-11.20	M W F	PARK 124	
	08.30-10.20	T	PHY SC 405	FAAK RICHARD A
3	10.30-11.20	M W F	PARK 124	
	08.30-10.20	TH	PHY SC 405	
4	10.30-11.20	M W F	PARK 124	
	08.30-10.20	TH	PHY SC 405	WALKER RONALD
5	10.30-11.20	M W F	PARK 124	
	08.30-10.20	T	PHY SC 405	
6	10.30-11.20	M W F	PARK 124	
	01.30-03.20	M	PHY SC 405	LORENZ PATRICK E
101B	INTRO-PHYS SCIENCE		04.0 CR	
1	07.30-08.20	MT THF	NKRS B 240	
102A	SPACE SCIENCE		04.0 CR	
1	10.30-11.20	ThTHF	LAWSON 121	SANDERS
110A	EARTH ENVIRONMENT		04.0 CR	
1	09.30-10.20	Th F	LAWSON 171	HARRIS STANLEY E JR
	TO BE ARRANGED			FRANK
2	11.30-12.20	Th F	LAWSON 171	
	TO BE ARRANGED			FRANK
110B	EARTH ENVIRONMENT		04.0 CR	
1	12.30-01.20	MT TH	LAWSON 171	GRENDIA JAMES C
	TO BE ARRANGED			GRENDIA JAMES C
201A	INTRODUCT BIOLOGY		04.0 CR	
	PREREQ GSA FIRST LEVEL CR CHEM 110 CR			
	111			
1	08.30-09.20	M W F	LAWSON 221	
	08.30-10.20	T	LS I 208	
2	08.30-09.20	M W F	LAWSON 221	
	12.30-02.20	T	LS I 208	
3	08.30-09.20	M W F	LAWSON 221	
	09.30-11.20	W	LS I 208	
4	08.30-09.20	M W F	LAWSON 221	
	01.30-03.20	W	LS I 208	
5	08.30-09.20	M W F	LAWSON 221	
	08.30-10.20	TH	LS I 208	
6	08.30-09.20	M W F	LAWSON 221	
	12.30-02.20	TH	LS I 208	
201B	INTRODUCT BIOLOGY		04.0 CR	
	PREREQ GSA 201A			
1	08.30-09.20	T TH	LAWSON 221	
	09.30-11.20	T TH	LS I 213	
2	08.30-09.20	T TH	LAWSON 221	
	12.30-02.20	T TH	LS I 213	
3	08.30-09.20	T TH	LAWSON 221	
	02.30-04.20	T TH	LS I 213	
4	08.30-09.20	T TH	LAWSON 221	
	07.30-09.20	W F	LS I 213	
5	08.30-09.20	T TH	LAWSON 221	
	09.30-11.20	W F	LS I 213	
6	08.30-09.20	T TH	LAWSON 221	
	12.30-02.20	W F	LS I 213	
210A	INTRO ENVIRON BIOL		04.0 CR	
	PREREQ GSA 110 OR CHEM 115			
1	09.30-10.20	M W F	LAWSON 221	PETERSEN BRUCE W
	08.30-09.20	M	LS I 308	
2	09.30-10.20	M W F	LAWSON 221	PETERSEN BRUCE W
	08.30-09.20	W	LS I 308	

3	09.30-10.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	08.30-09.20		F	LS I	308	
4	09.30-10.20	M W	F	LAWSON	221	PETERSON
	10.30-11.20	M		LS I	308	
5	11.30-12.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	10.30-11.20	W		LS I	308	
6	11.30-12.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	10.30-11.20		F	LS I	308	
7	11.30-12.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	12.30-01.20	M		LS I	308	
8	11.30-12.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	12.30-01.20	W		LS I	308	
9	01.30-02.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	12.30-01.20		F	LS I	308	
10	01.30-02.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	02.30-03.20	M		LS I	308	
11	01.30-02.20	M W	F	LAWSON	221	
	02.30-03.20	W		LS I	308	
12	01.30-02.20	M W	F	LAWSON	221	
	02.30-03.20		F	LS I	308	
21CB	INTRO ENVIRON BIOL				04.0	CR
	PREREQ GSA 110	CR	CHEM	115		
1	10.30-11.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	09.30-10.20	M		LS I	308	
2	10.30-11.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	09.30-10.20		TH	LS I	308	
3	10.30-11.20	M W	F	LAWSON	221	PETERSEN
	09.30-10.20		TH	LS I	308	
4	10.30-11.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	11.30-12.20	M		LS I	308	
5	12.30-01.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	11.30-12.20	W		LS I	308	
6	12.30-01.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	11.30-12.20		F	LS I	308	
7	12.30-01.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	01.30-02.20	M		LS I	308	
8	12.30-01.20	M W	F	LAWSON	221	PETERSEN BRUCE W
	01.30-02.20	W		LS I	308	
299B	SURVIVAL OF MAN				04.0	CR
1	09.30-10.20	MTW		LAWSON	121	
	09.30-10.20		TH	WHAM	301B	
2	09.30-10.20	MTW		LAWSON	121	
	09.30-10.20		TH	CL	326	
3	09.30-10.20	MTW		LAWSON	121	
	10.30-11.20		F	CL	25	
4	09.30-10.20	MTW		LAWSON	121	
	10.30-11.20		F	CL	326	
301	PRIN OF PHYSIOLOGY				04.0	CR
1	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	07.30-09.20	M		LS II	149	
	09.30-10.20		F	LAWSON	161	
2	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	07.30-09.20	T		LS II	109	
	09.30-10.20		F	LAWSON	161	
3	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	07.30-09.20	W		LS II	149	
	09.30-10.20		F	LAWSON	161	
4	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	07.30-09.20		TH	LS II	149	
	09.30-10.20		F	LAWSON	161	
5	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	07.30-09.20		F	LS II	149	
	09.30-10.20		F	LAWSON	161	
6	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	01.30-03.20	M		LS II	149	
	09.30-10.20		F	LAWSON	161	
7	09.30-10.20	M W		LAWSON	141	RICHARDSON AND GASS
	01.30-03.20		T	LS II	149	
	09.30-10.20		F	LAWSON	161	

\* 8 week course meets June 22-August 13

8	09.30-10.20	M W	LAWSON	141	RICHARDSON AND GASS
	01.30-03.20	W	LS II	149	
	09.30-10.20	F	LAWSON	161	
302	PSYC-PHSL FOUN BEH		03.0	CR	
	PREREQ GSA 201B AND C				
1	10.30-11.20	T TH	LAWSON	231	LEVITT
	01.30-03.20	TH	LS II	228	
2	10.30-11.20	T TH	LAWSON	231	LEVITT
	08.30-10.20	S	LS II	228	
303	WILD FLOWERS		03.0	CR	
1	08.30-09.20	W	LS II	430	
	08.30-12.20	M	LS II	423	
2	08.30-09.20	M	LS II	430	
	08.30-12.20	W	LS II	423	
3	09.30-10.20	W	LS II	430	
	08.30-12.20	F	LS II	423	
4	09.30-10.20	T	LS II	430	
	08.30-12.20	TH	LS II	423	
5	01.30-02.20	W	LS II	430	
	01.30-05.20	T	LS II	423	
6	01.30-02.20	F	LS II	430	
	01.30-05.20	W	LS II	423	
312	CONS OF NATURAL RES		03.0	CR	
1*	01.30-02.20	M WTHF	LAWSON	141	
	JUNE 22-AUG 13				
313	EVOLUTION		03.0	CR	
	PREREQ ONE YEAR OF BIOLOGY				
1*	08.30-09.20	MTW F	LAWSON	161	
	JUNE 22-AUG 13				
314	MANS GEN HERITAGE		03.0	CR	
1*	09.30-10.20	MTWTH	LAWSON	201	ENGLERT DUWAYNE C
	JUNE 22-AUG 13				
321	INTRO PALEONTOLOGY		03.0	CR	
1	12.30-01.20	W F	LAWSON	201	GRENDA JAMES C
	08.30-10.20	M	PARK	107	
2	12.30-01.20	W F	LAWSON	201	
	10.30-12.20	M	PARK	107	
3	12.30-01.20	W F	LAWSON	201	
	01.30-03.20	T	PARK	107	
4	12.30-01.20	W F	LAWSON	201	
	03.30-05.20	T	PARK	107	
322	INTR TO ROCKS & MIN		03.0	CR	
1	07.30-08.20	T TH	PARK	204	BELL FRANK J
	08.30-10.20	W	PARK	112	
2	07.30-08.20	T TH	PARK	204	BELL FRANK J
	10.30-12.20	W	PARK	112	
3	07.30-08.20	M W	PARK	204	BELL FRANK J
	12.30-02.20	W	PARK	112	
4	07.30-08.20	M W	PARK	204	BELL FRANK J
	02.30-04.20	W	PARK	112	
	07.30-08.20	M W	PARK	204	
	04.30-06.20	W	PARK	112	
331	CLIMATE		03.0	CR	
1	09.30-10.20	M TH	WHAM	105	SHARPE DAVID
	08.30-09.20	F	0483	101	
2	09.30-10.20	M TH	WHAM	105	
	08.30-09.20	F	AG	224	
3	09.30-10.20	M TH	WHAM	105	
	09.30-10.20	F	0483	101	
4	09.30-10.20	M TH	WHAM	105	
	10.30-11.20	F	0483	101	
5	09.30-10.20	M TH	WHAM	105	
	11.30-12.20	F	0483	101	
6	09.30-10.20	M TH	WHAM	105	
	09.30-10.20	F	AG	224	
7	09.30-10.20	M TH	WHAM	105	
	10.30-11.20	F	AG	188	
8	09.30-10.20	M TH	WHAM	105	
	11.30-12.20	F	AG	188	

336	NUTRITIONAL ECCLOGY			03.0 CR	
1	08.30-09.20	M W F	WHAM	105	KCNISHI
340	ECCLOGY			03.0 CR	
1	08.30-09.20	M W F	LAWSON	141	
2	09.30-10.20	M W F	LAWSON	151	
3	10.30-11.20	M W F	LAWSON	161	
4	01.30-02.20	M W F	LAWSON	151	
5	02.30-03.20	M W F	LAWSON	151	
346	MEAT IN MANS WORLD			03.0 CR	
	PREREQ SATISFY REQ IN GSA 200 CR JR S				
	TANDING				
1	08.30-09.20	M WTH	AG	102	
358A	ANAL OF PHYS SYSTEM			03.0 CR	
	PREREQ 1ST LEVEL GSA & MATH 111A&B				
1	03.30-04.20	T TH	TECH A	222	
	01.30-03.20	F	TECH D	122	
358B	ANAL OF PHYS SYSTEM			03.0 CR	
	PREREQ GSA 358A				
1	11.30-12.20	T TH	TECH A	320	
	09.30-11.20	TH	TECH B	139	
361	ACCUSTICS OF MUSIC			03.0 CR	
1*	01.30-02.20	M WTHF	LAWSON	161	GORDON RUDERICK D
363A	PHIL OF SCIENCE			03.0 CR	
	PREREQ 1ST LEV SEQ CR ITS EQUIV IN				
	AREA A				
1	10.30-11.20	M W	LAWSON	231	AUDI
	01.30-02.20	W	H EC	104	
2	10.30-11.20	M W	LAWSON	231	
	02.30-03.20	W	H EC	122	

### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

100A	WESTERN TRADITION			04.0 CR	
1	07.30-08.20	M WTH	LAWSON	161	BREHM
	09.30-10.20	M	H EC	104	
2	07.30-08.20	M WTH	LAWSON	161	BREHM
	10.30-11.20	T	H EC	208	
3	07.30-08.20	M WTH	LAWSON	161	BREHM
	11.30-12.20	W	H EC	122	
4	07.30-08.20	M WTH	LAWSON	161	BREHM
	12.30-01.20	TH	H EC	118	
5	07.30-08.20	M WTH	LAWSON	161	BREHM
	01.30-02.20	F	H EC	118	
6	07.30-08.20	M WTH	LAWSON	161	BREHM
	02.30-03.20	M	H EC	120	
7	07.30-08.20	M WTH	LAWSON	161	BREHM
	08.30-09.20	T	H EC	104	
8	07.30-08.20	M WTH	LAWSON	161	BREHM
	09.30-10.20	TH	H EC	208	
9	07.30-08.20	M WTH	LAWSON	161	BREHM
	10.30-11.20	F	H EC	118	
10	07.30-08.20	M WTH	LAWSON	161	BREHM
	11.30-12.20	M	WHAM	319	
11	07.30-08.20	M WTH	LAWSON	161	BREHM
	12.30-01.20	W	H EC	120	
12	07.30-08.20	M WTH	LAWSON	161	BREHM
	01.30-02.20	TH	H EC	118	
100B	WESTERN TRADITION			04.0 CR	
	PREREQ 100A				
1	11.30-12.20	T THF	LAWSON	141	ZUCKER
	08.30-09.20	W	H EC	120	
2	11.30-12.20	T THF	LAWSON	141	ZUCKER
	09.30-10.20	M	H EC	122	
3	11.30-12.20	T THF	LAWSON	141	ZUCKER
	10.30-11.20	W	H EC	120	
4	11.30-12.20	T THF	LAWSON	141	ZUCKER
	11.30-12.20	M	WHAM	205	

\* 8 week course meets June 22-August 13

5	11.30-12.20	T THF	LAWSON	141	ZUCKER
	12.30-01.20	W	WHAM	112	
6	11.30-12.20	T THF	LAWSON	141	ZUCKER
	01.30-02.20	F	WHAM	312	
102A	MAN AND HIS WORLD		04.0	CR	
1	11.30-12.20	M W F	LAWSON	161	BELMONT
	07.30-08.20	TH	H EC	306	
2	11.30-12.20	M W F	LAWSON	161	BELMONT
	08.30-09.20	TH	H EC	306	
3	11.30-12.20	M W F	LAWSON	161	BELMONT
	09.30-10.20	TH	H EC	306	
4	11.30-12.20	M W F	LAWSON	161	BELMONT
	10.30-11.20	TH	H EC	306	
5	11.30-12.20	M W F	LAWSON	161	BELMONT
	11.30-12.20	TH	H EC	306	
6	11.30-12.20	M W F	LAWSON	161	BELMONT
	12.30-01.20	TH	H EC	306	
7	11.30-12.20	M W F	LAWSON	161	BELMONT
	01.30-02.20	TH	H EC	306	
8	11.30-12.20	M W F	LAWSON	161	BELMONT
	02.30-03.20	TH	H EC	306	
9	11.30-12.20	M W F	LAWSON	161	BELMONT
	07.30-08.20	F	H EC	306	
10	11.30-12.20	M W F	LAWSON	161	BELMONT
	08.30-09.20	F	H EC	306	
11	11.30-12.20	M W F	LAWSON	161	BELMONT
	09.30-10.20	F	H EC	306	
12	11.30-12.20	M W F	LAWSON	161	BELMONT
	03.30-04.20	TH	H EC	306	
102B	MAN AND HIS WORLD		04.0	CR	
1	07.30-09.20	M TH	H EC	118	CHRISTENSEN DAVID
2	07.30-09.20	W	H EC	118	CHRISTENSEN DAVID
	07.30-09.20	F	H EC	102	
3	10.30-12.20	T TH	TECH A	222	
4	11.20-01.20	T TH	H EC	201	
5	11.30-01.20	M W	COMM	1022	
6	11.30-01.20	W F	H EC	118	
7	11.30-01.20	T TH	TECH A	308	
8	12.30-01.20	T	COMM	1021	CHRISTENSEN DAVID
	12.30-02.20	F	H EC	201	
9	01.30-03.20	M W	COMM	1021	
10	01.30-03.20	M TH	COMM	1022	
11	01.30-03.20	T F	COMM	1022	
12	01.30-03.20	W	COMM	1022	CHRISTENSEN DAVID
	01.30-03.20	F	COMM	1021	
13	02.30-04.20	W F	TECH A	222	
201B	SOCIETY & BEHAVIOR		04.0	CR	
1	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	07.30-08.20	M W	COMM	1020	
2	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	10.30-11.20	W F	LS II	350	
3	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	10.30-11.20	W F	TECH A	210	
4	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	12.30-01.20	W F	0871	102	
5	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	12.30-01.20	M W	TECH A	210	
6	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	02.30-03.20	M W	WHAM	112	
7	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	02.30-03.20	W F	WHAM	202	
8	09.30-10.20	T TH	LAWSON	151	PATTERSON EDGAR I
	03.30-04.20	M W	WHAM	326	
201C	SOCIETY & BEHAVIOR		04.0	CR	
1	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	07.30-09.20	TH	NKRS C	116	
2	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	09.30-11.20	TH	LS II	250	



3	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	11.30-01.20	TH	LS II	250	
4	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	01.30-03.20	TH	CL	109	
5	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	07.30-09.20	F	LS II	250	
6	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	09.30-11.20	F	CL	109	
7	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	11.30-01.20	F	LS II	250	
8	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	01.30-03.20	F	LS II	250	
9	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	09.30-11.20	TH	NKRS C	116	
10	10.30-11.20	M W	LAWSON	141	CARRIER NEIL ALAN
	11.30-01.20	TH	NKRS C	116	
211A	POLITICAL ECONOMY		04.0 CR		
1	08.30-09.20	MTWTH	LAWSON	171	HAND GEORGE H
211B	POLITICAL ECONOMY		04.0 CR		
1	10.30-11.20	M W F	WHAM	105	WASBY & JACKSON
	08.30-09.20	W	H EC	106	
2	10.30-11.20	M W F	WHAM	105	
	08.30-09.20	F	COMM	1018	
3	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	T	CL	109	
4	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	TH	CL	109	
5	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	T	H EC	202	
6	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	TH	H EC	104	
7	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	T	NKRS A	160	
8	10.30-11.20	M W F	WHAM	105	
	10.30-11.20	TH	NKRS A	160	
9	10.30-11.20	M W F	WHAM	105	
	12.30-01.20	W	H EC	104	
299B	SURVIVAL OF MAN		04.0 CR		
1	09.30-10.20	MTW	LAWSON	121	
	09.30-10.20	TH	WHAM	301B	
2	09.30-10.20	MTW	LAWSON	121	
	09.30-10.20	TH	CL	326	
3	09.30-10.20	MTW	LAWSON	121	
	10.30-11.20	F	CL	25	
4	09.30-10.20	MTW	LAWSON	121	
	10.30-11.20	F	CL	326	
300A	UNITED STATES HIST		03.0 CR		
1	09.30-10.20	T THF	LAWSON	141	HUDSON
300B	UNITED STATES HIST		03.0 CR		
1	01.30-02.20	M W F	WHAM	105	CONRAD
300C	UNITED STATES HIST		03.0 CR		
1	11.30-12.20	TWTH	LAWSON	151	TRANI
302	LAW CIVIL RIGHTS		03.0 CR		
1	08.30-09.20	T THF	H EC	203	GREGORY & WASBY
303	INTERNATIONAL REL		04.0 CR		
1	08.30-09.20	M W	H EC	203	KLINGBERG
	08.30-09.20	T TH	H EC	102	
2	01.30-02.20	TWTH	CL	24	GARNER
	01.30-02.20	F	CL	109	
306	CHILD DEVELOPMENT		03.0 CR		
1	03.30-04.20	M W F	LAWSON	141	
321	SOCIALIZAT OF INDIV		03.0 CR		
1	08.30-09.20	T THF	COMM	1017	
331	AMER ED SYSTEM		03.0 CR		
1	07.30-08.20	M W F	WHAM	321	
2	08.30-09.20	M W F	WHAM	321	
3	09.30-10.20	M W F	WHAM	321	
4	10.30-11.20	M W F	WHAM	321	

\* 8 week course meets June 22-August 13

	5	11.30-12.20	M W F	WHAM	328	
	6	12.30-01.20	M W F	WHAM	305	
345		INTR TO AM FGN POL		03.0	CR	
	1	09.30-10.20	TWTH	0875	102	LANDECKER & PAINE
355		GECG OF U S		03.0	CR	
	1	08.30-09.20	M WTH	LAWSON	201	LCBB GARY
361		FUND OF DECIS MAKE		03.0	CR	
		PREREQ MATH 111-1C A&B	CR	GSD 108A &B		
	1	11.30-12.20	M W F	TECH A	111	
390		INTR TO COMP GCVT		04.0	CR	
	1	11.30-12.20	MTWTH	WHAM	201	MORRIS

### General Studies Area C—Man's Insights and Appreciations

#### (GSC)

100		MUSIC UNDERSTANDING			03.0	CR	
	1*	10.30-11.20	MTW F	LAWSON	171		NADAF GEORGE
	2*	11.30-12.20	MTW F	LAWSON	121		EDDINS
101		ART APPRECIATION			03.0	CR	
	1	10.30-11.20	T	LAWSON	141		
		01.30-03.20	M	0842	101		
		10.30-11.20	TH	0842	101		
	2	10.30-11.20	T	LAWSON	141		
		01.30-03.20	W	0842	102		
		10.30-11.20	TH	0842	102		
	3	10.30-11.20	T	LAWSON	141		
		10.30-12.20	F	0843	103		
		10.30-11.20	TH	0843	103		
	4	10.30-11.20	T	LAWSON	141		
		07.30-09.20	M	0842	101		
		08.30-09.20	W	0842	101		
	5	10.30-11.20	T	LAWSON	141		
		10.30-12.20	M	0842	101		
		10.30-11.20	W	0842	101		
	6	10.30-11.20	T	LAWSON	141		
		07.30-09.20	W	0842	102		
		08.30-09.20	F	0842	102		
	7	10.30-11.20	T	LAWSON	141		
		10.30-12.20	W	0842	102		
		10.30-11.20	M	0842	102		
	8	10.30-11.20	T	LAWSON	141		
		07.30-09.20	F	0842	102		
		08.30-09.20	M	0842	102		
	9	10.30-11.20	T	LAWSON	141		
		07.30-09.20	T	0842	102		
		08.30-09.20	TH	0842	102		
	10	10.30-11.20	T	LAWSON	141		
		07.30-09.20	TH	0842	101		
		08.30-09.20	T	0842	101		
102		PROB-MORAL DEC-PHIL			03.0	CR	
	1	10.30-11.20	M W	LAWSON	151		GILLESPIE
		02.30-03.20	W	H EC	120		
	2	10.30-11.20	M W	LAWSON	151		GILLESPIE
		12.30-01.20	W	H EC	106		
	3	10.30-11.20	M W	LAWSON	151		GILLESPIE
		01.30-02.20	W	H EC	201		
	4	10.30-11.20	M W	LAWSON	151		GILLESPIE
		08.30-09.20	TH	H EC	104		
	5	10.30-11.20	M W	LAWSON	151		GILLESPIE
		10.30-11.20	TH	H EC	208		
	6	10.30-11.20	M W	LAWSON	151		GILLESPIE
		12.30-01.20	TH	WHLR	113		
	7	10.30-11.20	M W	LAWSON	151		GILLESPIE
		01.30-02.20	TH	WHAM	303		
	8	10.30-11.20	M W	LAWSON	151		GILLESPIE
		08.30-09.20	F	AG	220		
	9	10.30-11.20	M W	LAWSON	151		GILLESPIE
		10.30-11.20	F	WHLR	214		

10	10.30-11.20	M W	LAWSON	151	GILLESPIE
	02.30-03.20	TH	H EC	202	
11	10.30-11.20	M W	LAWSON	151	GILLESPIE
	12.30-01.20	F	H EC	104	
12	10.30-11.20	M W	LAWSON	151	GILLESPIE
	09.30-10.20	F	CL	326	
13	12.30-01.20	T TH	LAWSON	151	MCORE
	10.30-11.20	F	H EC	202	
14	12.30-01.20	T TH	LAWSON	151	MCORE
	01.30-02.20	F	H EC	208	
15	12.30-01.20	T TH	LAWSON	151	MCORE
	08.30-09.20	T	WHLR	113	
16	12.30-01.20	T TH	LAWSON	151	MCORE
	09.30-10.20	T	H EC	120	
17	12.30-01.20	T TH	LAWSON	151	MCORE
	03.30-04.20	TH	H EC	202	
18	12.30-01.20	T TH	LAWSON	151	MCORE
	02.30-03.20	F	H EC	202	
103	WORLD LIT FOR COMP 03.0 CR				
	PREREQ GSD 102 CR THE APPROPRIATE ACT SCORE				
1	07.30-08.20	M W F	0720	101	
2	08.30-09.20	M W F	0720	103	
3	09.30-10.20	M W	0720	117	
	09.30-10.20	F	0720	118	
4	10.30-11.20	M W F	WHLR	107	
5	11.30-12.20	M W F	PULL	35	
6	11.30-12.20	M	0720	114	
	11.30-12.20	W F	0720	107	
7	12.30-01.20	M W F	0720	104	
8	12.30-01.20	M W F	0720	102	
9	01.30-02.20	M W F	TECH A	308	
10	02.30-03.20	M W	H EC	202	
	02.30-03.20	F	H EC	120	
200	CRAL INTERP OF LIT 04.0 CR				
1	08.30-09.20	MTWTH	0875	102	
2	01.30-02.20	MT F	0871	102	
	01.30-02.20	TH	WHAM	329	
201	INTRO TO DRAMA 03.0 CR				
	PREREQ GSC 103 OR EQUIV				
1	08.30-09.20	M	COMM	1022	
	08.30-09.20	W F	COMM	1020	
2	10.30-11.20	M W	PARK	309	
	10.30-11.20	F	H EC	104	
3	12.30-01.20	M	0720	108	
	12.30-01.20	T TH	0720	105	
4	01.30-02.20	M W F	0720	105	
202	INTRO TO POETRY 03.0 CR				
	PREREQ GSC 103 OR EQUIV				
1	07.30-08.20	M W F	0720	105	
2	12.30-01.20	MT TH	H EC	104	
203	DRAMA-ARTS OF THEA 03.0 CR				
1	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	12.30-01.20	TH	WHAM	305	
2	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	01.30-02.20	TH	WHAM	312	
3	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	02.30-03.20	TH	WHAM	312	
4	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	12.30-01.20	F	WHAM	307	
5	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	01.30-02.20	F	WHAM	303	
6	10.30-11.20	T TH	LAWSON	161	GRAY WINSTON G
	02.30-03.20	F	WHAM	303	
204	MEANING IN VIS ARTS 04.0 CR				
	PREREQ GSC 101				
1	09.30-10.20	T F	LAWSON	231	
	09.30-10.20	W	0843	104	
	09.30-11.20	TH	0843	104	

\* 8 week course meets June 22-August 13

2	09.30-10.20	T F	LAWSON	231	
	11.30-12.20	T	0843	104	
	11.30-01.20	TH	0843	104	
3	09.30-10.20	T F	LAWSON	231	
	09.30-10.20	W	0843	103	
	09.30-11.20	M	0843	103	
205	MANS CONTEMP ENVIR		04.0	CR	
1	12.30-02.20	T	LAWSON	161	GROSKOWSKY HAROLD
	12.30-01.20	THF	LAWSON	161	
206	FOUNDATIONS OF MUS		04.0	CR	
	PREREQ GSC 100 CR CONSENT				
1*	07.30-08.20	MTWTHF	ALTG	116	FLOYD
207	PHIL OF BEAUTIFUL		03.0	CR	
1	10.30-11.20	T TH	LAWSON	151	
	12.30-01.20	TH	H EC	122	
2	10.30-11.20	T TH	LAWSON	151	
	01.30-02.20	TH	H EC	104	
3	10.30-11.20	T TH	LAWSON	151	
	08.30-09.20	F	H EC	202	
4	10.30-11.20	T TH	LAWSON	151	
	09.30-10.20	F	H EC	202	
5	10.30-11.20	T TH	LAWSON	151	
	08.30-09.20	T	H EC	202	
6	10.30-11.20	T TH	LAWSON	151	
	09.30-10.20	T	CL	326	
208	LOGIC AND MEANING		04.0	CR	
1	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	09.30-10.20	M W	TECH A	322	
2	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	10.30-11.20	M W	NKRS A	278	
3	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	11.30-12.20	M W	PULL	41	
4	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	12.30-01.20	M W	H EC	201	
5	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	01.30-02.20	M W	WHAM	303	
6	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	09.30-10.20	T TH	COMM	1018	
7	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	10.30-11.20	T TH	H EC	102	
8	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	11.30-12.20	T TH	H EC	208	
9	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	12.30-01.20	T TH	COMM	1022	
10	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	01.30-02.20	T TH	H EC	201	
11	08.30-09.20	M W	LAWSON	151	MOORE WILLIS
	07.30-08.20	T TH	H EC	122	
12	08.30-09.20	M W	LAWSON	151	MOORE
	09.30-10.20	W F	H EC	120	
209	MCD LIT FORM IDEA		04.0	CR	
	PREREQ GSC 103 OR EQUIV				
1	08.30-09.20	T TH	0720	103	
	08.30-09.20	M F	0720	114	
2	12.30-01.20	MT THF	0720	103	
3	02.30-03.20	MT THF	H EC	118	
210	INTRO TO FICTION		03.0	CR	
	PREREQ GSC 103 OR EQUIV				
1	07.30-08.20	M W F	H EC	104	
2	09.30-10.20	M	0720	105	
	09.30-10.20	W F	0720	105	
3	10.30-11.20	M W	WHLR	214	
	10.30-11.20	F	0720	101	
4	01.30-02.20	MT TH	0720	108	
5	02.30-03.20	T TH	0720	109	
	02.30-03.20	M	0720	101	
299B	SURVIVAL OF MAN		04.0	CR	
1	09.30-10.20	MTW	LAWSON	121	
	09.30-10.20	TH	WHAM	301B	

2	09.30-10.20	MTW	LAWSON	121	
	09.30-10.20	TH	CL	326	
3	09.30-10.20	MTW	LAWSON	121	
	10.30-11.20	F	CL	25	
4	09.30-10.20	MTW	LAWSON	121	
	10.30-11.20	F	CL	326	
317	RECENT AMER LIT			03.0	CR
	PREREQ	GSC 103	CR EQUIV		
1	07.30-08.20	M W F	0720	104	
2	08.30-09.20	M	0862	101	
	08.30-09.20	W F	0862	102	
3	10.30-11.20	W F	0861	102	
	10.30-11.20	M	CCMM	1018	
4	11.30-12.20	M W F	WHAM	321	
5	12.30-01.20	M	WHAM	228	
	12.30-01.20	WTH	0720	106	
6	01.30-02.20	MT TH	0720	106	
7	02.30-03.20	M W F	TECH A	408	
8	02.30-03.20	M WTH	0720	106	
9	03.30-04.20	M WTH	ARENA	125	
10	03.30-04.20	M WTH	H EC	104	
325	BLACK AMER WRITERS			03.0	CR
	PREREQ	GSC 103	CR EQUIVALENT		
1*	08.30-09.20	MT THF	0720	116	
2*	10.30-11.20	MT THF	0720	109	
341	MODERN ART B-20 CEN			03.0	CR
	08.30-09.20	T TH	LAWSON	151	
	08.30-09.20	F	LAWSON	171	
343	ART STUDIO-NON MAJ			03.0	CR
1	10.30-12.20	M W F	0843	104	
345A	WORLD LITERATURE			03.0	CR
	PREREQ	GSC 103	CR EQUIV		
1	08.30-09.20	MT TH	0720	106	
2	09.30-10.20	MT TH	0720	106	
345C	WORLD LITERATURE			03.0	CR
	PREREQ	GSC 103	CR EQUIV		
1	09.30-10.20	MT TH	0720	107	
2	12.30-01.20	MT	0720	106	
	12.30-01.20	TH	0720	104	
3	02.30-03.20	MT TH	0720	103	
349	THE CINEMA			03.0	CR
1	01.30-03.20	T TH	LAWSON	151	DAVIS
	02.30-03.20	W	LAWSON	161	
	\$5 SCREENING FEE				
351B	MASTERPIECES NOVEL			03.0	CR
	PREREQ	GSC 103	CR EQUIV		
1	08.30-09.20	M W F	AG	116	
2	11.30-12.20	M W F	0720	104	
363A	PHIL OF SCIENCE			03.0	CR
1	10.30-11.20	M W	LAWSON	231	AUDI
	09.30-10.20	TH	H EC	120	
2	10.30-11.20	M W	LAWSON	231	AUDI
	10.30-11.20	TH	H EC	120	
365	SHAKESPEARE			03.0	CR
	PREREQ	GSC 103	CR EQUIV		
1	10.30-11.20	M F	0720	106	
	10.30-11.20	W	0720	109	
2	11.30-12.20	MT TH	0720	102	
371	EVOLUTION OF JAZZ			03.0	CR
	PREREQ	GSC 100	CR EQUIV		
1*	01.30-02.20	MT THF	ALTG	115	BRANCH
381	GREEK PHILOSOPHY			03.0	CR
1	09.30-10.20	M W F	H EC	208	FLCCHMANN & HOWIE
382	GRAECO-ROM MED PHIL			03.0	CR
1	10.30-11.20	M W F	H EC	208	DEMATTEIS
383	EARLY MODERN PHIL			03.0	CR
1	11.30-12.20	M W F	H EC	208	DEMATTEIS

\* 8 week course meets June 22-August 13



## General Studies Area D—Organization and Communication of

## Ideas (GSD)

101 ENGLISH COMPOSITION		03.0 CR	
1	07.30-08.20	M W F	0721 101
2	07.30-08.20	M W F	0721 102
3	07.30-08.20	M W F	H EC 120
4	08.30-09.20	M W F	0721 102
5	08.30-09.20	M W	0720 108
	08.30-09.20	F	H EC 208
6	08.30-09.20	M W F	0720 107
7	08.30-09.20	M	0720 109
	08.30-09.20	W F	0720 106
8	08.30-09.20	M W	0721 101
	08.30-09.20	F	0720 108
9	09.30-10.20	M W F	0720 108
10	09.30-10.20	M	H EC 106
	09.30-10.20	W F	GYM 203
11	09.30-10.20	M W F	NKRS A 160
12	09.30-10.20	M W F	TECH A 222
13	09.30-10.20	M W	AG 222
	09.30-10.20	TH	H EC 104
14	10.30-11.20	M W F	0720 107
15	10.30-11.20	M	F 0720 114
	10.30-11.20	W	0720 116
16	10.30-11.20	M W F	PULL 39
17	10.30-11.20	M W F	NKRS A 258
18	10.30-11.20	M W F	0720 108
19	11.30-12.20	M W F	0720 101
20	11.30-12.20	M W F	WHAM 301A
21	11.30-12.20	M W F	GYM 203
22	11.30-12.20	M W F	0720 108
23	11.30-12.20	M W F	0720 106
24	11.30-12.20	M W F	0720 116
25	12.30-01.20	M W F	0720 116
26	12.30-01.20	M W F	0720 105
27	12.30-01.20	M W F	0720 107
28	12.30-01.20	M W F	0720 101
29	01.30-02.20	M W F	0720 107
30	01.30-02.20	M W F	0720 116
31	01.30-02.20	M W F	H EC 120
32	02.30-03.20	M W F	0720 105
33	02.30-03.20	M W F	0720 107
34	02.30-03.20	M W F	WHAM 321
35	03.30-04.20	M W F	WHAM 307
102 ENGLISH COMPOSITION		03.0 CR	
PREREQ GSC 101 CR		THE APPROPRIATE ACT	
SCORE			
1	07.30-08.20	M W F	0720 102
2	07.30-08.20	M W F	0720 107
3	08.30-09.20	M	PARK 309
	08.30-09.20	W F	0720 105
4	09.30-10.20	M W F	0720 109
5	10.30-11.20	M W F	TECH A 111
6	11.30-12.20	M W F	0721 102
7	12.30-01.20	M W F	H EC 122
8	01.30-02.20	M W F	0720 114
9	02.30-03.20	M W F	H EC 201
10	03.30-04.20	MT TH	H EC 118
103 GRAL COMM OF IDEAS		03.0 CR	
1	07.30-08.20	T THF	COMM 1020
2	08.30-09.20	MT TH	COMM 1020
3	09.30-10.20	T TH	COMM 1020
	09.30-10.20	F	COMM 1022
4	10.30-11.20	MT TH	COMM 1020
5	10.30-11.20	T THF	COMM 1018
6	11.30-12.20	T THF	COMM 1018
7	11.30-12.20	T THF	H EC 106

8	11.30-12.20	THF	COMM	1022	
	11.30-12.20	W	COMM	1017	
9	11.30-12.20	W	COMM	1006	
	11.30-12.20	T TH	COMM	1021	
10	12.30-01.20	M W F	COMM	1020	
11	12.30-01.20	T THF	H EC	106	
12	12.30-01.20	THF	COMM	1021	
	12.30-01.20	W	COMM	1017	
13	01.30-02.20	M W F	COMM	1020	
14	01.30-02.20	T TH	COMM	1020	
	01.30-02.20	F	COMM	1018	
15	01.30-02.20	M W F	H EC	203	
16	02.30-03.20	T TH	COMM	1021	
	02.30-03.20	W	COMM	1006	
17	02.30-03.20	M W F	TECH A	422	
18	03.30-04.20	TWTH	COMM	1021	
106	INTERMED ALGEBRA				00.0 CR
1	07.30-08.20	TWTHF	TECH A	210	
	ABOVE SECT FOR PRE-107 STUDENTS				SECT 1
2	12.30-01.20	TWTHF	NKRS C	118	
	ABOVE SECT FOR PRE-111A STUDENTS				SECT 2
3	02.30-03.20	MTWTH	NKRS C	118	
	ABOVE SECT FOR PRE-111A STUDENTS				SECT 3
4	03.30-04.20	MTWTH	TECH D	131	
	ABOVE SECT FOR PRE-107 STUDENTS				SECT 4
107	BASIC COLLEGE MATH				05.0 CR
	PREREQ GSD 106 CR 1 YR H.S. ALGEBRA				
1	07.30-08.20	MTWTHF	TECH A	320	
2	09.30-10.20	MTWTHF	TECH D	131	
3	10.30-11.20	MTWTHF	NKRS A	156	
4	11.30-12.20	MTWTHF	TECH D	131	
5	12.30-01.20	MTWTHF	NKRS A	156	
6	03.30-04.20	MTWTHF	NKRS C	118	
109	ELEMENTS OF PROBAB				03.0 CR
	PREREQ GSD 107				
1	08.30-09.20	M W F	TECH A	220	
2	12.30-01.20	T THF	TECH A	210	
3	02.30-03.20	T THF	NKRS C	116	
110	ECCN-BUS STATISTICS				03.0 CR
	PREREQ GSD 108B, 114B, OR EQUIV				
1	12.30-01.20	M WTH	LAWSON	141	
123	ELEM FRENCH				09.0 CR
1	07.30-09.20	MTWTH	WHLR	107	
	07.30-08.20	F	WHLR	107	
	08.30-09.20	F	WHLR	18	
	ACCELERATED				
2	11.30-01.20	MTWTH	WHLR	107	
	11.30-12.20	F	WHLR	107	
	12.30-01.20	F	WHLR	18	
	ACCELERATED				
123B	ELEMENTARY FRENCH				03.0 CR
	PREREQ GSD 123A				
1	10.30-11.20	M TH	H EC	202	
	10.30-11.20	F	H EC	102	
	10.30-11.20	T	WHLR	18	
2	12.30-01.20	MT F	WHLR	214	
	12.30-01.20	TH	WHLR	18	
123C	ELEMENTARY FRENCH				03.0 CR
	PREREQ GSD 123B				
1	08.30-09.20	MT F	WHLR	203	
	08.30-09.20	W	WHLR	18	
2	09.30-10.20	M W F	WHLR	107	
	09.30-10.20	T	WHLR	18	
3	01.30-02.20	MT TH	WHLR	107	
	01.30-02.20	W	WHLR	18	
126	ELEMENTARY GERMAN				09.0 CR
1	08.30-10.20	MTWTH	WHLR	214	PFISTER GUENTER
	08.30-09.20	F	WHLR	214	PFISTER GUENTER
	09.30-10.20	F	WHLR	18	PFISTER GUENTER

\* 8 week course meets June 22-August 13

ACCELERATED					
2	09.30-10.20	MTWTHF	0720	103	
	10.30-11.20	TH	WHLR	18	
	10.30-11.20	MTW F	0720	103	
ACCELERATED					
126C	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSD 126B				
1	08.30-09.20	M W F	WHLR	113	
	08.30-09.20	TH	WHLR	18	
2	02.30-03.20	M W F	WHLR	212	
	02.30-03.20	TH	WHLR	18	
136	ELEMENTARY RUSSIAN			09.0 CR	
1	08.30-10.20	MT THF	WHLR	212	CRECHWA OLGA
	08.30-09.20	W	WHLR	212	CRECHWA OLGA
	09.30-10.20	W	WHLR	18	CRECHWA CLGA
ACCELERATED					
140	ELEMENTARY SPANISH			09.0 CR	
1	08.30-10.20	MTW F	0861	101	
	08.30-09.20	TH	WHLR	113	
	09.30-10.20	TH	WHLR	18	
ACCELERATED					
2	12.30-02.20	M F	WHLR	212	
	12.30-01.20	TH	WHLR	212	
	01.30-02.20	TH	WHLR	18	
	12.30-02.20	T	H EC	118	
	12.30-02.20	W	0720	118	
ACCELERATED					
140A	ELEMENTARY SPANISH			03.0 CR	
1	07.30-08.20	M W F	WHLR	203	
	07.30-08.20	TH	WHLR	18	
	SEE SPAN LIST FOR SPAN CONVERSATION				
2	08.30-09.20	M WTH	0871	101	
	08.30-09.20	T	WHLR	18	
3	01.30-02.20	M WTH	0720	103	
	01.30-02.20	T	WHLR	18	
140B	ELEMENTARY SPANISH			03.0 CR	
	PREREQ GSD 140A	OR EQUIVALENT			
1	08.30-09.20	T F	H EC	118	
	08.30-09.20	W	WHLR	203	
	08.30-09.20	M	WHLR	18	
2	11.30-12.20	M W F	H EC	120	
	11.30-12.20	T	WHLR	18	
3	01.30-02.20	M WTH	WHLR	207	
	01.30-02.20	T	WHLR	18	
	SEE SPAN LIST FOR SPAN CONVERSATION				
140C	ELEMENTARY SPANISH			03.0 CR	
	PREREQ GSD 140B	OR EQUIVALENT			
1	07.30-08.20	MT TH	WHLR	212	
	07.30-08.20	W	WHLR	18	
2	08.30-09.20	M WTH	H EC	202	
	08.30-09.20	T	WHLR	18	
3	09.30-10.20	Tw	H EC	104	
	09.30-10.20	F	H EC	106	
	09.30-10.20	M	WHLR	18	
4	02.30-03.20	TwTH	0720	101	
	02.30-03.20	M	WHLR	18	
	SEE SPAN LIST FOR SPAN CONVERSATION				
210	UNCOMMON LANGUAGES			15.0 CR	
1	09.30-11.20	MTWTHF	0721	102	NGUYEN DINH HOA
	11.30-12.20	MTWTHF	0720	121	NGUYEN DINH HOA
	02.30-03.20	MTWTHF	0721	102	NGUYEN DINH HOA
INTENSIVE VIETNAMESE SECT 1					

## General Studies Area E—Health and Physical Development

## (GSE)

100A	RESTRICTED P E		01.0 CR		
1	08.30-09.20	M WTH	ARENA	555	GREENE

101A	SWIMMING-BEGINNING			01.0 CR	
1	10.30-11.20	M WTH	PULL P	11	ESSICK
101B	SWIMMING - INTERMED			01.0 CR	
1	01.30-02.20	T TH	PULL P	11	
2	02.30-03.20	M W	PULL P	11	
102	PHYSICAL FITNESS			02.0 CR	
1	09.30-10.20	M TH	ARENA	555	
	01.30-02.20	T	LAWSON	141	
2	10.30-11.20	M TH	ARENA	555	
	01.30-02.20	T	LAWSON	141	
104B	ACTIVITY-BADMINTON			01.0 CR	
1*	08.30-10.20	M W	ARENA	555	MEADE
2*	08.30-10.20	T TH	ARENA	555	MEADE
104D	ACTIVITY-BOWLING			01.0 CR	
1	10.30-11.20	MT TH	U CTR	48	HARTZOG
2	11.30-12.20	MT TH	U CTR	48	HARTZOG
104E	ACTIVITY-GOLF			01.0 CR	
1	08.30-09.20	M WTH	ARENA	555	
2	09.30-10.20	M WTH	ARENA	555	OKITA
3	09.30-12.20	F	ARENA	555	
STUDENTS FURNISH OWN CLUBS & TRANSPORT & FEE REQ SECT 3					
4	10.30-11.20	M WTH	ARENA	555	FOLDER
5	11.30-12.20	M WTH	ARENA	555	UCDD
6	12.30-01.20	M WTH	ARENA	555	GURLEY
104H	ACTIVITY-TENNIS			01.0 CR	
1	07.30-09.20	T TH	ARENA	555	IUBELT
2	09.30-10.20	M W F	ARENA	555	IUBELT
3*	09.30-11.20	T TH	ARENA	555	LCNG
4	10.30-11.20	M W F	ARENA	555	DCDD
5*	11.30-01.20	T TH	ARENA	555	LCNG
6	12.30-01.20	M W F	ARENA	555	DCDD
104I	ACTIVITY-VOLLEYBALL			01.0 CR	
1	06.00-07.00 PM	T F	GRASSY	100	
RESTRICTED TO LITTLE GRASSY STUDENTS					
104J	ACTIVITY-SOFTBALL			01.0 CR	
1	08.30-09.20	M WTH	ARENA	555	MARTIN
2	09.30-10.20	M WTH	ARENA	555	MARTIN
104N	ACTIVITY-CROSS CCUN			01.0 CR	
1	07.00-08.00 PM	T F	GRASSY	100	
RESTRICTED TO LITTLE GRASSY STUDENTS					
104W	ACTIVITY-JUDO			01.0 CR	
1	10.30-11.20	MT TH	ARENA	555	
104X	ACTIVITY-HANDBALL			01.0 CR	
1	08.30-09.20	M WTH	ARENA	555	
2	09.30-10.20	M WTH	ARENA	555	HAILEY
3	10.30-11.20	M WTH	ARENA	555	HAILEY
111A	SWIMMING-BEGINNING			01.0 CR	
1	07.30-09.20	T TH	PULL P	11	CCOPER
2	07.30-08.20	M W F	PULL P	11	BLACKMAN
3	12.30-01.20	M W F	PULL P	11	BLACKMAN
111B	SWIMMING-INTERMED			01.0 CR	
PREREQ GSE 111A OR EQUIVALENT					
1	08.30-09.20	M W F	PULL P	11	CCOPER
2	12.30-01.20	M W F	PULL P	11	CCOPER
112	EXERCISE FOR FITNES			01.0 CR	
1	07.30-08.20	M W F	GYM	207	
2	08.30-09.20	M W F	GYM	207	
113D	DANCE-BEG CONTEMP			01.0 CR	
1	07.30-08.20	M W F	GYM	208	
114A	ACTIVITY-ARCHERY			01.0 CR	
1	10.30-12.20	T TH	GYM	208	CAVIES
2	10.30-12.20	M W	GYM	208	CAVIES
114D	ACTIVITY-BOWLING			01.0 CR	
1	12.30-01.20	M W F	U CTR	48	
2	01.30-03.20	T TH	U CTR	48	
3	01.30-03.20	M W	U CTR	48	
FEE REQUIRED					

\* 8 week course meets June 22-August 13

114E	ACTIVITY-GOLF			01.0	CR	
1	09.30-11.20	M W	GYM	207	BRECHTELSBAUER	
2	09.30-11.20	T TH	GYM	207	BRECHTELSBAUER	
3	11.30-01.20	T TH	GYM	207	BRECHTELSBAUER	
4	12.30-02.20	M W	GYM	207	BRECHTELSBAUER	
114H	ACTIVITY-TENNIS			01.0	CR	
1	07.30-09.20	M W	GYM	114	BLACKMAN	
2	08.30-10.20	T TH	GYM	114	COTTEN	
3	09.30-11.20	T TH	GYM	207	BLACKMAN	
4	09.30-11.20	M W	GYM	114		
5	12.30-02.20	T TH	GYM	114	BLACKMAN	
114M	ACTIVITY-FENCING			01.0	CR	
1	08.30-09.20	M W F	GYM	114	BLACKMAN	
201	HEALTHFUL LIVING			03.0	CR	
1	07.30-08.20	MT TH	TECH D	131		
2	07.30-08.20	M	ARENA	125		
	07.30-08.20	T TH	TECH A	220		
3	08.30-09.20	M W F	TECH A	422		
4	08.30-09.20	M W F	TECH A	222	OBOYLE THOMAS J	
5	08.30-09.20	M W F	TECH A	410	FURLEY DONALD R	
6	08.30-09.20	M W F	H EC	201		
7	09.30-10.20	T TH	TECH A	222	VOGEL HERBERT L	
	09.30-10.20	F	ARENA	119	VOGEL HERBERT L	
8	10.30-11.20	MT TH	ARENA	119	VOGEL HERBERT L	
9	10.30-11.20	M W F	TECH A	222	OBOYLE THOMAS J	
10	10.30-11.20	M W F	TECH A	310	LEDBETTER ROBERT	
11	10.30-11.20	M W F	H EC	201	MAZIE ROBERT	
12	11.30-12.20	M W F	NKRS A	156		
13	11.30-12.20	WTH	TECH A	410	PHILLIPS FRANCES K	
	11.30-12.20	T	NKRS C	116		
14	11.30-12.20	M W F	TECH A	222	LEDBETTER ROBERT	
15	11.30-12.20	M W F	TECH A	408	CASEY LESLIE R	
16	11.30-12.20	M W F	H EC	201	MAZIE ROBERT	
17	12.30-01.20	M W F	ARENA	119		
18	01.30-02.20	TWTH	ARENA	121	VINCENT RAYMOND J	
19	02.30-03.20	M WTH	ARENA	121	CASEY LESLIE R	
20	05.30-08.20	M	GRASSY	100	KLAWITER	

## SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>Accounting (ACCT)</b>				
250	ACCT FUNDAMENTALS		04.0	CR
1	01.30-02.20	MTWTH	CL	12
251A	FINANCIAL ACCT		04.0	CR
	PREREQ SOPHOMORE STANDING			
1	08.30-09.20	MT THF	CL	12
2	10.30-11.20	MT THF	CL	12
251B	FINANCIAL ACCT		04.0	CR
	PREREQ ACCT 251A			
1	10.30-11.20	MTWTH	CL	18
2	12.30-01.20	MTWTH	CL	12
261	MANAGEMENT ACCT		04.0	CR
	PREREQ ACCT 251B AND MATH 111A			
1	07.30-08.20	MT THF	CL	12
2	11.30-12.20	MT THF	CL	12
341	COST ACCOUNTING		04.0	CR
	PREREQ ACCT 261			
1	09.30-10.20	MT THF	CL	12
351A	INTERMEDIATE ACCT		04.0	CR
	PREREQ ACCT 261			
1	11.30-12.20	MTWTH	CL	18
351B	INTERMEDIATE ACCT		04.0	CR
	PREREQ ACCT 351A			
1	01.30-02.20	MT THF	CL	18



453 ADVANCED ACCOUNTING 04.0 CR  
 PREREQ ACCT 351A,B  
 1 08.30-09.20 MTWTH CL 18  
 456 AUDITING 04.0 CR  
 PREREQ ACCT 331, 341, AND 351A,B  
 1 07.30-08.20 MT THF CL 18  
 459 INTERNSHIP IN ACCT 04.0 CR  
 PREREQ CONSENT OF INTERNSHIP  
 COMMITTEE  
 1 TO BE ARRANGED

### Agricultural Industries (AG I)

306A SOIL & WATER CNS 03.0 CR  
 PREREQ ONE COURSE IN SOILS  
 1 10.30-11.20 M W F AG 214 SATCHELL  
 CROSS-LISTED WITH PL I 306A  
 306B SOIL & WATER CNS 02.0 CR  
 PREREQ AG I 306A CR CURRENT  
 ENROLLMENT IN 306A  
 1 09.30-11.20 T TH AG 195 AHRENS  
 CROSSLISTED WITH PL I 306A  
 351 FARM FINANCIAL MGT 04.0 CR  
 PREREQ AG I 350 OR EQUIV  
 1 07.30-08.20 MTW AG 214 HERR  
 07.30-09.20 TH AG 225  
 359 INTERN PROGRAM 03.0 TC 05.0 CR  
 PREREQ JR STANDING  
 1 TO BE ARRANGED  
 373 FIELD MACH & POWER 05.0 CR  
 PREREQ MATH 107A, GSA 101A,B OR EQUIV  
 1 08.30-09.20 M W F AG 225 PATERSON  
 07.30-09.20 T TH 0831 101  
 390 SPEC STUD AG I 01.0 TC 06.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 391 HONORS IN AG INDUST 01.0 TC 06.0 CR  
 PREREQ JR STAND, 4.0 GPA 4.25 IN MAJ<  
 , & CONSENT OF DEPT CHM  
 1 TO BE ARRANGED  
 485 PRIN-PHIL VO TEC ED 03.0 CR  
 PREREQ STUDENT TEACHING CR CONSENT OF  
 DEPARTMENT  
 1 08.30-10.20 MTWTHF TECH A 122  
 JUNE 28-JULY 16  
 505 AG IND RES METHCDS 03.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 10.30-12.20 MTWTH AG 225 HONEGGER  
 JUNE 21-JULY 16  
 512 AG OCCUP INTERNSHIP 03.0 TC 06.0 CR  
 PREREQ AG I 312B OR CONSENT OF DEPT  
 CHAIRMAN  
 1 07.30-04.20 MTWTHF AG 155 BUILA THEODORE  
 JUNE 21-JULY 16  
 520 READINGS 01.0 TC 06.0 CR  
 1 TO BE ARRANGED  
 525 COOP VOC-TECH ED 04.0 CR  
 PREREQ STUDENT TEACHING  
 1 10.30-12.20 MTWTHF TECH A 122  
 JUNE 28-JULY 16  
 575 RESEARCH 01.0 TC 06.0 CR  
 1 TO BE ARRANGED  
 599 THESIS 01.0 TC 09.0 CR  
 1 TO BE ARRANGED

### Administration of Justice (A J)

200 INTRO-CRIMINAL BEH 04.0 CR  
 1 09.00-10.50 T TH 0685 200 MATTHEWS  
 302 COMM-BASED CORRECT 04.0 CR  
 1 09.00-10.50 M W 0685 200

\* 8 week course meets June 22-August 13

383	INTERNSHIP		04.0 TC 12.0 CR	
	PREREQ 16 HRS AJ			
1	TO BE ARRANGED			
411	CRIT ISSUE-CRIM JUS		04.0 CR	
1	07.00-10.00 PM	W	0685 200	JOHNSON
501C	CRIM BEH-PROB&CHAR		04.0 CR	
	PREREQ AJ 5018			
1	09.00-11.50	W	0685 200	BRODSKY

### Animal Industries (ANI)

121	ANIMAL SCIENCE		05.0 CR	
	PREREQ NONE			
1	10.30-11.20	MTW F	AG 116	KAMMLADE
	09.30-11.20	TH	AG 116	
319	HORSES		03.0 CR	
	PREREQ AN I 315 CR		CONSENT OF INSTR	
1	01.30-02.20	M W	AG 214	KAMMLADE
	01.30-03.20	T	AG 214	
332	ANIM BREED & GENET		04.0 CR	
	PREREQ AN I 121, GSA 2018 CR		EQUIV	
1	08.30-09.20	MTWTH	AG 214	GOODMAN
359	INTERN PROGRAM		03.0 TC 05.0 CR	
	PREREQ JR STANDING			
1	TO BE ARRANGED			
390	SPEC STUD AN I		01.0 TO 06.0 CR	
	PREREQ JR CR SR STANDING AND CONSENT		OF DEPT CHAIRMAN	
1	TO BE ARRANGED			
391	HONORS IN AN I		01.0 TO 06.0 CR	
	PREREQ JR STANDING, 4.0 GPA, 4.25 IN MA		JOR, CONSENT OF DEPT	
1	TO BE ARRANGED			
502	SURG RES TEC-FARM A		03.0 CR	
	PREREQ CONSENT CF INSTRUCTOR			
1	09.30-10.20	M	AG 132	STRACK
	09.30-12.20	F	AG 132	STRACK
520	READINGS IN AN IND		01.0 TC 06.0 CR	
1	TO BE ARRANGED			
575	INDIVIDUAL RESEARCH		01.0 TC 06.0 CR	
1	TO BE ARRANGED			
581	SEMINAR		01.0 TC 06.0 CR	
1	03.30-04.20	T	AG 214	LEE
599	THESIS		01.0 TO 09.0 CR	
1	TO BE ARRANGED			

### Anthropology (ANTH)

275	INDIVIDUAL STUDY		01.0 TC 18.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			
399	HONORS TUTORIAL		03.0 TC 09.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			
401	LANGUAGE IN CULTURE		04.0 CR	
	PREREQ ANTH 250 CR EQUIV			
1	02.30-04.20	T TH	H EC 106	MARING
430	ARCHAEOL OF N AMER		03.0 CR	
	PREREQ ANTH 250 OR EQUIV			
1	02.30-03.30	M W F	H EC 106	BELMONT
483	INDIV STUDY IN ANTH		01.0 TC 18.0 CR	
	PREREQ ANTH 250 CR EQUIV			
1	TO BE ARRANGED			
497	HONORS IND RESEARCH		01.0 TC 18.0 CR	
	PREREQ FOR UNDERGRADS - ANTH 250 OR E		QUIN	
1	TO BE ARRANGED			
499	HONORS THESIS		03.0 TC 12.0 CR	
	PREREQ ANTH 399 AND CONSENT OF DEPT			
1	TO BE ARRANGED			

581	SEM-ANTHROPOLOGY	03.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		MARING
592	PRGB-ARCHAEOLOGY	01.0 TC 27.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
584	PRGB-CULTURAL ANTH	01.0 TC 27.0 CR	
1	TO BE ARRANGED		
585	READINGS IN ANTH	01.0 TC 27.0 CR	
1	TO BE ARRANGED		
597	FIELDWORK IN ANTH	01.0 TC 27.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TC 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TC 48.0 CR	
1	TO BE ARRANGED		

### Applied Science (AP S)

418	DIG COMP IN RESRCH	03.0 CR	
	PREREQ ENGR 222 AND MATH 150A		
1	TO BE ARRANGED		
430	SPECIAL PROBLEMS	02.0 TC 08.0 CR	
	PREREQ CONSENT OF COORDINATOR		
1	TO BE ARRANGED		
570	SPECIAL INVESTIGAT	02.0 TC 06.0 CR	
1	TO BE ARRANGED		
580	SEMINAR	01.0 TC 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TC 09.0 CR	
1	TO BE ARRANGED		

### Art (ART)

100A	SCULPTURE-CRAFTS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	07.30-09.20 M W F ALLYN 112		ADDINGTON ALDON M
100B	CRAFTS-SCULPTURE	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	09.30-11.20 M W F ALLYN 112		FUHRMANN WILLIAM F
100C	PAINTING-GRAPHICS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	07.30-09.20 M W F ALLYN 202		BERNSTEIN LAWRENCE
100D	GRAPHICS-DRAWING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	01.30-03.20 M W F ALLYN 106		LITTLEFIELD LEE F
100E	DRAWING-PAINTING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	07.30-10.20 T TH ALLYN 202		PAULSON ROBERT L
200A	SCULPTURE	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	07.30-09.20 M W F 0549 101		WALSH THOMAS J
200B	DRAWING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	01.30-03.20 M W F ALLYN 202		CNKEN MICHAEL O
200C	PAINTING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	10.30-01.20 T TH ALLYN 202		PAULSON ROBERT L
225B	INTRO TO ART HIST	03.0 CR	
1	12.30-01.20 M W F LAWSON 131		SULLIVAN JAMES E
259	STUDIO	04.0 TC 24.0 CR	
1	TO BE ARRANGED		LITTLEFIELD LEE F

30CA	ART ED FOR EL TEACH	04.0 CR		
1	10.30-12.20 MTWTHF	PULL I 105	LAWSON	
	JULY 5-AUG 13			
302A	POTTERY-BEGINNING	04.0 CR		
	PREREQ 12 HRS CF ART 100 CR CONSENT OF INSTR			
1	09.30-11.20 M W F	ALLYN 5		
302B	POTTERY-INTERMED	04.0 CR		
	PREREQ ART 302A			
1	08.30-11.20 T TH	ALLYN 5		
307	THEORY&PHIL ART ED	03.0 CR		
1*	10.30-11.20 MTWTH	PULL I 105	ABRAHAMSON ROY E	
320A	CIL PAINT TECH-BEG	04.0 CR		
	PREREQ ART 200C CR CONSENT OF INSTR			
1	11.30-01.20 M W F	ALLYN 202		
332A	JEWELRY &METALSMITH	04.0 CR		
	PREREQ 12 HRS CF ART 100 CR CONSENT OF INSTR			
1	08.30-11.20 T TH	ALLYN 11		
332B	JEWELRY &METALSMITH	04.0 CR		
	PREREQ ART 332A			
1	07.30-09.20 M W F	ALLYN 11		
341	DRAWING	02.0 TC 12.0 CR		
	PREREQ 12 HRS CF ART 100, 200, CR CONSENT OF INSTR			
1	09.30-11.20 M W F	ALLYN 202	WALSH THOMAS J	
358	PRINTS	02.0 TC 12.0 CR		
	PREREQ ART 100 & 200 CR CONSENT OF INSTR			
1	07.30-09.20 M W F	ALLYN 211	KOLDEN LARRY D	
385A	WEAVING - BEGIN	04.0 CR		
	PREREQ 12 HRS CF ART 100 CR CONSENT OF INSTR			
1	08.30-11.20 T TH	0701 101	GINSBERG	
385B	WEAVING - INTERMED	04.0 CR		
	PREREQ ART 385A			
1*	07.30-10.20 M W F	0701 101	GINSBERG	
393	SCULPTURE	04.0 TC 12.0 CR		
	PREREQ ART 200-12 HRS			
1	TO BE ARRANGED		SULLIVAN MILTON F	
406	STUDIO IN PAINTING	02.0 TC 12.0 CR		
1	TO BE ARRANGED		ONKEN MICHAEL O	
410	RESEARCH IN PRINTS	02.0 TC 12.0 CR		
1	TO BE ARRANGED		KOLDEN LARRY D	
426	STUDIO IN POTTERY	02.0 TC 12.0 CR		
1	TO BE ARRANGED		BOYSEN BILL H	
436	STUDIO METAL CONSTR	02.0 TC 12.0 CR		
1	TO BE ARRANGED		KINGTON LOUIS BRENT	
441	STUDIO IN DRAWING	02.0 TC 12.0 CR		
	PREREQ ART 341-12 HRS			
1	TO BE ARRANGED		LINK LAWRENCE JOHN	
446	STUDIO IN WEAVING	02.0 TC 12.0 CR		
1*	TO BE ARRANGED		PLACE RUTH L	
466	STUDIO IN ART ED	02.0 TC 12.0 CR		
1*	07.30-10.20 T TH	PULL I 105	ABRAHAMSON ROY E	
493	ADVANCED SCULPTURE	02.0 TC 12.0 CR		
	PREREQ ART 393-12 HRS			
1	TO BE ARRANGED		SULLIVAN MILTON F	
501	SEMINAR PAINTING	02.0 TC 12.0 CR		
1	TO BE ARRANGED		BERNSTEIN LAWRENCE	
502	SEM IN SCULPTURE	02.0 TO 12.0 CR		
	PREREQ CONSENT CF INSTRUCTOR			
1	TO BE ARRANGED		SULLIVAN MILTON F	
511	SEMINAR IN PRINTS	02.0 TC 12.0 CR		
	PREREQ CONSENT CF INSTRUCTOR			
1	TO BE ARRANGED		FINK HERBERT L	
526	RESEARCH POTTERY	02.0 TC 12.0 CR		
1	TO BE ARRANGED		BOYSEN BILL H	

536	RESEARCH METAL CCNS	02.0 TC 12.0 CR	
1	TO BE ARRANGED		KINGTON LOUIS BRENT
540	SEMINAR IN WEAVING	02.0 TC 12.0 CR	
1	TO BE ARRANGED		PLACE RUTH L
542	RESEARCH IN DRAWING	02.0 TC 12.0 CR	
	PREREQ 12 HRS CF ART 300		
1	TO BE ARRANGED		LITTLEFIELD LEE F
566	RESEARCH ART EDUC	02.0 TC 12.0 CR	
1*	C7.30-C9.20 M W F PULL I 105		ABRAHAMSON ROY E
571	READ ART HISTORY	02.0 TC 05.0 CR	
	PREREQ GRAD STANDING & CONSENT CF INSTR		
1	TO BE ARRANGED		SULLIVAN JAMES E
595	THESIS	02.0 TC 09.0 CR	
1	TO BE ARRANGED		FINK HERBERT L

### Black American Studies (BAS)

309	INTRO BLACK STUDIES	03.0 CR	
	PREREQ GSB 102 & 109		
1	01.30-03.00 T TH WHAM	317	
318	SEM-BLACK STUDIES	02.0 TC 12.0 CR	
	PREREQ GSB 309 CR GSC 325 CR CONSENT OF INSTR		
1	12.30-03.20 M LS II	146	
320	SEM-GROUP LDRSHIP	02.0 TC 06.0 CR	
	PREREQ CONSENT CF INSTR		
1	12.30-02.20 W WHAM	202	
322	METH OF BLK STUDIES	02.0 TC 04.0 CR	
	PREREQ CONSENT CF INSTR		
1	12.30-04.00 F CCMM	2012	

### Biology (BIOL)

307	ENVIRONMENTAL BIOL	04.0 CR	
	PREREQ GSA 201B CR 210B CR ADVANCED STANDING		
1	09.30-10.20 MTWTH LS II	450	ROBERTSON
2	12.30-01.20 MTWTH LS II	450	ROBERTSON
308	ORGANISMIC BIOLOGY	04.0 CR	
	PREREQ GSA 201B CR 210B CR ADVANCED STANDING		
1	08.30-09.20 MTWTH LS II	350	SHEPHERD
2	02.30-03.20 MTWTH LS II	350	

### Botany (BOT)

300	MORPH NON-VAS PLANT	04.0 CR	
	PREREQ GSA 201B		
1	01.30-02.20 M W F LS II	450	KAEISER MARGARET
	12.30-02.20 T LS II	404	KAEISER MARGARET
2	01.30-02.20 M W F LS II	450	KAEISER
	12.30-02.20 TH LS II	404	
301	MORPH VAS PLANTS	04.0 CR	
	PREREQ GSA 201B		
1	08.30-09.20 T TH LS II	450	MATTEN LAWRENCE C
	08.30-10.20 M W LS II	404	MATTEN LAWRENCE C
320	PLANT PHYSIOLOGY	05.0 CR	
	PREREQ GSA 201B, CHEM 350 OR MINOR IN CHEM		
1	07.30-08.20 M W F LS II	450	SCHMID WALTER E
	07.30-09.20 T TH LS II	457	COLCLASURE
2	07.30-08.20 M W F LS II	450	SCHMID WALTER E
	09.30-11.20 T TH LS II	457	COLCLASURE
390	READINGS - BOTANY	02.0 TC 04.0 CR	
	PREREQ BOT MAJOR AND CONSENT CF INSTR		
1	TO BE ARRANGED		MOHLENBROCK ROBERT
391	SPEC PROB IN BOTANY	02.0 TC 05.0 CR	
	PREREQ BOT MAJOR AND CONSENT CF DEPT		
1	01.30-04.20 T TH LS II	450	MOHLENBROCK

\* 8 week course meets June 22-August 13



392	HONORS IN BOTANY	03.0 TC 21.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
1	07.30-12.20	TH LS II	430 MCHLENBROCK
2	07.30-12.20	F LS II	430
533	GRO DEV IN PLANTS	03.0 TC 04.0 CR	
	PREREQ BOT 320 CR CONSENT CF INSTR		
1	08.30-09.20	M W F LS II	450 YGPP
	08.30-10.20	T TH LS II	453
535	AQUATIC ENERGETICS	03.0 CR	
	PREREQ CONSENT CF INSTR		
1	TO BE ARRANGED		VERDUIN
552	MISS FLORA AQUATIC	04.0 CR	
	PREREQ GSA 303 CR CONSENT CF INSTR		
1	08.30-04.20	TH LS II	480 TINDALL DONALD R
570	READINGS - BOTANY	02.0 TC 05.0 CR	
1	TO BE ARRANGED		
590	INTRO TO RESEARCH	02.0 TC 04.0 CR	
1	10.30-12.20	MTWTHF LS II	450 PAPPELIS
2	02.30-04.20	M W F LS II	450 MCHLENBROCK
591	RESEARCH	03.0 TC 09.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS	03.0 TC 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TC 36.0 CR	
1	TO BE ARRANGED		

### Business Administration (B A)

502	BUSINESS & SOCIETY	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR C		
	ONSENT OF INSTR		
1	01.30-03.20	M W 0861	102
510	MGR ACCT & CONTROL	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR C		
	ONSENT OF INSTR		
1	08.30-10.20	T F 0871	101
521	BUSINESS COND ANAL	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	ONSENT OF INSTR		
1	10.30-12.20	T TH CL	24
530	FINANCIAL MGT	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR C		
	ONSENT OF INSTR		
1	08.30-10.20	M W TECH A	420
550	MARKETING MGT	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	ONSENT OF INSTR		
1	10.30-12.20	M W CL	24
590	INDEPENDENT STUDY	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	ONSENT CF INSTR		
1	TO BE ARRANGED		WATERS
598	BUSINESS POLICIES	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	ONSENT OF INSTR		
1	01.30-03.20	T TH WHAM	201
599	THESIS	04.0 TC 08.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	ONSENT OF INSTR		
1	TO BE ARRANGED		

### Community Development (CD)

512	CHNG AGNT-PLAN CHNG	04.0 CR	
	PREREQ CD 401 CR CONSENT OF INSTR		
1	TO BE ARRANGED		
513	LAB-STYLES & TECH	04.0 CR	
	PREREQ CD 401, CONSENT OF INSTR		
1	TO BE ARRANGED		

- 596 INDEPEND STUDY - CD 01.0 TO 08.0 CR  
 PREREQ CD 401 & CONSENT OF INSTR  
 TO BE ARRANGED
- 599 THESIS RESEARCH 01.0 TO 08.0 CR  
 PREREQ CD 401, 501, 502, 503, 511 & 5  
 98  
 1 TO BE ARRANGED

## Chemistry (CHEM)

- 115 INTRO GENERAL CHEM 05.0 CR  
 1 08.30-09.20 M W F NKRS P 240  
 07.30-08.20 F NKRS C 218  
 07.30-09.20 T TH NKRS C 102  
 2 08.30-09.20 M W F NKRS B 240  
 07.30-08.20 F NKRS C 218  
 07.30-09.20 T TH NKRS C 104  
 3 08.30-09.20 M W F NKRS B 240  
 07.30-08.20 W NKRS C 218  
 07.30-09.20 T TH NKRS C 106
- 235 GEN QUANT ANALYSIS 05.0 CR  
 PREREQ CHEM 121B  
 1 12.30-01.20 M W F NKRS C 218  
 01.30-02.20 M NKRS C 218  
 02.30-04.20 M NKRS C 408  
 01.30-04.20 W NKRS C 408  
 2 12.30-01.20 M W F NKRS C 218  
 12.30-01.20 T NKRS C 218  
 01.30-03.20 T NKRS C 408  
 12.30-03.20 TH NKRS C 408
- 240 ORGANIC CHEMISTRY 04.0 CR  
 PREREQ 110 CR 121A  
 1 11.30-12.20 M W F NKRS B 240  
 09.30-12.20 T NKRS C 109  
 11.30-12.20 TH NKRS C 118  
 2 11.30-12.20 M W F NKRS B 240  
 12.30-03.20 T NKRS C 109  
 11.30-12.20 TH NKRS C 118  
 3 11.30-12.20 M W F NKRS B 240  
 09.30-12.20 TH NKRS C 109  
 11.30-12.20 T NKRS C 118
- 305B ORG CHEM-PRE PRGF 05.0 CR  
 PREREQ CHEM 305A  
 1 11.30-12.20 M W TH NKRS C 218  
 12.30-03.20 T TH NKRS C 205  
 11.30-12.20 T NKRS C 218  
 2 11.30-12.20 M W F NKRS C 218  
 08.30-11.20 T TH NKRS C 205  
 11.30-12.20 T NKRS C 218
- 350 BIOLOGICAL CHEM 04.0 CR  
 PREREQ CHEM 240 OR 305B OR 341C  
 1 02.30-03.20 M W F NKRS C 218  
 01.30-04.20 T NKRS C 204  
 2 02.30-03.20 M W F NKRS C 218  
 01.30-04.20 TH NKRS C 204
- 432A INST ANAL MEASMTS 04.0 CR  
 PREREQ CHEM 461B & MAY BE TAKEN  
 CONCURRENTLY<  
 1 08.30-09.20 M W NKRS C 218  
 08.30-11.20 T TH NKRS C 318  
 2 08.30-09.20 M W NKRS C 218  
 11.30-02.20 M W NKRS C 318
- 446 QUAL ORGANIC ANALY 04.0 CR  
 PREREQ 235 & 341C OR CONSENT OF INSTR  
 1 07.30-08.20 T TH NKRS C 218  
 08.30-11.20 T TH NKRS C 203
- 460 PRIN PHYSICAL CHEM 05.0 CR  
 PREREQ CHEM 235, 305B OR 341C & 1 YR  
 OF PHYS CR CONSENT  
 1 10.30-11.20 M W F NKRS C 116  
 08.30-11.20 T TH NKRS C 105

\* 8 week course meets June 22-August 13

496A CHEM PROB ANALY 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 496B CHEM PROB BIOCHEM 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 496C CHEM PROB INORGANIC 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 496D CHEM PROB ORGANIC 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 496E CHEM PROB PHYSICAL 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 594A SP READ-CHEM ANALY 02.0 TC 15.0 CR  
 PREREQ 24 HRS CF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594B SP READ-CHEM BIC 02.0 TC 15.0 CR  
 PREREQ 24 HRS CF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594C SP READ-CHEM INORG 02.0 TC 15.0 CR  
 PREREQ 24 HRS CF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594D SP READ-CHEM ORGAN 02.0 TC 15.0 CR  
 PREREQ 24 HRS CF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594E SP READ-CHEM PHYS 02.0 TC 15.0 CR  
 PREREQ 24 HRS CF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 595D ADV SEM-CHEM ORGAN 00.0 TC 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 03.30-05.20 T TH NKRS C 218  
 596A ADV CHEM PROB-ANAL 03.0 TC 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596B ADV CHEM PROB-BIO 03.0 TC 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596C ADV CHEM PROB-INORG 03.0 TC 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596D ADV CHEM PROB-ORGAN 03.0 TC 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596E ADV CHEM PROB-PHYS 03.0 TC 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597A RES & THESIS-ANAL 03.0 TC 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597B RES & THESIS-BIO 03.0 TC 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597C RES & THESIS-INORG 03.0 TC 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED

597D RES & THESIS-ORGAN 03.0 TC 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED

597E RES & THESIS-PHYS 03.0 TC 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED

598A RES-DOCTOR ANALY 03.0 TC 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598B RES-DOCTOR BIOCHEM 03.0 TC 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598C RES-DOCTOR INORGAN 03.0 TC 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598D RES-DOCTOR ORGANIC 03.0 TC 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598E RES-DOCTOR PHYS 03.0 TC 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

600A DISSERT ANALYTICAL 03.0 TC 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600B DISSERT BIOCHEM 03.0 TC 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600C DISSERT INORGANIC 03.0 TC 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600D DISSERT ORGANIC 03.0 TC 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600E DISSERT - PHYSICAL 03.0 TC 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

VAN ATTA

### Child and Family (C & F)

227 FAMILY LIVING 03.0 CR  
 1 02.30-03.20 M W F LAWSON 141 HICKS

408 WORKSHOP 02.0 TC 08.0 CR  
 1 09.30-11.20 MTWTHF H EC 206 ZUNICH MICHAEL  
 %JUNE 21 - JULY 2<-BLACK AMERICAN CHILD  
 2 09.30-11.20 MTWTHF H EC 206 HICKS  
 %JULY 5 - JULY 16<-HUMAN SEXUALITY  
 3 09.30-11.20 MTWTHF H EC 206 FLYNN  
 %JULY 19-JULY 30<-DISADVANTAGED CHILD  
 4 02.30-04.20 MTWTHF H EC 203 PENTON  
 %AUG 2 - AUG 13<-FAMILY GUID THROUGH  
 COMM SERVICES

471 FIELD EXPERIENCE 02.0 TC 06.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 1 TO BE ARRANGED ZUNICH MICHAEL

481 READINGS 02.0 TC 06.0 CR  
 PREREQ CONSENT OF INSTR & CHAIRMAN  
 1 TO BE ARRANGED ZUNICH MICHAEL

556 PRE-SCHOOL CHILD 04.0 CR  
 1 12.30-02.20 MTWTHF H EC 202 ZUNICH  
 %JULY 19 - AUG 13<

572 SPECIAL PROBLEMS 02.0 TC 05.0 CR  
 PREREQ CONSENT OF DEPT  
 1 TO BE ARRANGED

599 THESIS 02.0 TO 09.0 CR  
 1 TO BE ARRANGED

### Cinema and Photography (C & P)

320 FUND OF STILL PHCTC 04.0 CR  
 1 09.30-10.20 M WTH COMM 1122 FORRELL  
 10.30-11.20 M COMM 1122  
 01.30-03.20 M COMM 1135

\* 8 week course meets June 22-August 13

2	09.30-10.20	M WTH	COMM	1122	HORRELL
	10.30-11.20	W	COMM	1122	
	01.30-03.20	W	COMM	1135	
3	09.30-10.20	M WTH	COMM	1122	HORRELL
	10.30-11.20	TH	COMM	1122	
	01.30-03.20	TH	COMM	1135	
350	INTRO TO CINEMA 04.0 CR				
1	08.30-09.20	M	COMM	1122	BLUMENBERG
	09.30-10.20	T	COMM	1122	
	08.30-10.20	F	COMM	1122	
	\$5 SCREENING FEE				
355	BEGIN FILM PRODUCT 04.0 CR				
1	08.30-09.20	TWTH	COMM	1122	MERCER
	09.30-11.20	T	COMM	1135	
2	08.30-09.20	TWTH	COMM	1122	MERCER
	09.30-11.20	W	COMM	1135	
3	08.30-09.20	TWTH	COMM	1122	MERCER
	09.30-11.20	TH	COMM	1135	
361	FILM PLAN & SCRIPT 04.0 CR				
1	07.00-10.00 PM	W	COMM	1122	BLUMENBERG
	1 HR CONFERENCE TBA				
2	07.00-10.00 PM	W	COMM	1122	BLUMENBERG
	2 HR CONFERENCE TBA-GRADS ONLY-REG FOR C & P 480-4				
456	WORKSHOP-FILM PROD 01.0 TO 06.0 CR				
	PREREQ CONSENT OF DEPT & FILM PRODUCTION				
1	TO BE ARRANGED				
	IND WK AT FILM PRODUCTION				
2	01.30-04.20	T	COMM	1122	MERCER
	01.30-02.20	F	COMM	1122	
	ADV PRODUCTION WKSHP-ENROLL FOR 4 CR				
458	PROJ-CINEMA & PHOTO 01.0 TO 12.0 CR				
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
	IND PROJ IN C+P				
2	01.30-02.20	M WTH	COMM	1122	HORRELL
	LAB TBA-WKSHP IN PUB PHOTO-REG FOR 4 CR				
3	02.30-04.20	MT	COMM	1122	GILMGRE
	LAB TBA-WKSHP IN CREATIVE PHOTO-REG FOR 4 CR				
480	IND STUDY IN C&P 01.0 TO 12.0 CR				
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
	INDIVIDUAL PROJECT				
2	07.00-10.00 PM	W	COMM	1122	BLUMENBERG
	2 HR CONF TBA-WKSHP SCRIPT WTG-GRADS ONLY-REG 4CR				

### Clothing and Textiles (C & T)

1278	CLOTHING CONSTRUCT 02.0 CR				
1	12.30-02.20	M W	H EC	310	RIDLEY
233	PATT DES & CLO CCNS 03.0 CR				
	PREREQ C&T 127 CR CONSENT OF CHAIRMAN				
1	02.30-04.20	T TH	H EC	310	RIDLEY
360	TAILORING & CONST 04.0 CR				
	PREREQ C&T 233 OR CONSENT OF CHAIRMAN				
1	09.30-11.20	M W F	H EC	310	RIDLEY SAMANTHA SUE
371	FIELD EXPERIENCE 03.0 TO 06.0 CR				
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				
432	WORKSHOP 02.0 TO 08.0 CR				
	PREREQ CONSENT OF CHAIRMAN				
1	09.30-11.20	MTWTHF	H EC	303	BERRY
	%JUNE 21 - JULY 16<-FOUNDATIONS OF FASHION				
2	01.30-03.20	MTWTHF	H EC	303	BERRY
	%JUNE 21 - JULY 16<-FITTING & ALTERATION				



470	SEMINAR IN C&T	03.0 CR	
	PREREQ CONSENT OF CHM		
1	TO BE ARRANGED		
481	READINGS	02.0 TC 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	07.30-09.20 M W F H EC	301	PADGETT
572	SPECIAL PROBLEMS	02.0 TC 05.0 CR	
1	TO BE ARRANGED		MORAN WALTER J
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		PADGETT&MORAN

### Computer Science (CS)

202	INTRO-COMPUTER PRCG	03.0 CR	
	PREREQ MATH 108 OR 111A OR 2 YRS H.S. ALGEBRA		
1*	09.30-10.20 M W F NKRS B	440	
	08.30-09.20 T TH NKRS A	258	
2*	09.30-10.20 M W F NKRS B	440	
	09.30-10.20 T TH TECH B	20	
3*	09.30-10.20 M W F NKRS B	440	
	10.30-11.20 T TH TECH B	20	
4*	09.30-10.20 M W F NKRS B	440	
	11.30-12.20 T TH TECH B	20	
5*	09.30-10.20 M W F NKRS B	440	
	12.30-01.20 T TH NKRS A	258	
6*	09.30-10.20 M W F NKRS B	440	
	04.30-05.20 T TH TECH B	20	
7*	09.30-10.20 M W F NKRS B	440	
	08.30-09.20 T TH TECH B	20	
8*	09.30-10.20 M W F NKRS B	440	
	09.30-10.20 T NKRS A	458	
	09.30-10.20 TH NKRS A	278	
9*	09.30-10.20 M W F NKRS B	440	
	12.30-01.20 T TH TECH B	20	
10*	09.30-10.20 M W F NKRS B	440	
	04.30-05.20 T TH NKRS A	258	
302A	COMPUT STRUC & PROG	03.0 CR	
	PREREQ CS 202		
1*	11.30-12.20 MT THF TECH A	322	
	ENGR 222 IS A SUBSTITUTE PREREQ FOR CS 302A		
403	DATA STRUCTURES	03.0 CR	
	PREREQ CS 302A		
1*	01.30-02.20 MT THF TECH D	130	
	AP S 323 IS A SUBSTITUTE PREREQ FOR CS403		
442	DISCRETE STRUCTURES	03.0 CR	
	PREREQ MATH 301		
1*	12.30-01.20 MT THF TECH A	420	
451	INTRO-TH OF COMPUT	03.0 CR	
	PREREQ CS 442 & 445 CR CCNSENT OF INSTR		
1*	02.30-03.20 MT THF TECH A	322	
	MATH 428B IS A SUBSTITUTE PREREQ FOR CS 451		
495	READINGS	01.0 TC 09.0 CR	
	PREREQ CONSENT OF INSTR & DEPARTMENT		
1	TO BE ARRANGED		
590	SPECIAL TOPICS	01.0 TC 18.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		
593	SEMINAR	01.0 TC 09.0 CR	
	PREREQ CONSENT OF INSTR		
1	03.30-04.20 T TH NKRS C	410	
595	READINGS	01.0 TC 09.0 CR	
	PREREQ CONSENT OF INSTR & DEPARTMENT		
1	TO BE ARRANGED		

\* 8 week course meets June 22-August 13

597 SPECIAL PROBLEMS 01.0 TC 09.0 CR  
 PREREQ CONSENT OF DEPT  
 1 TO BE ARRANGED

### Conservation and Outdoor Education (CO ED)

301 OUTDOOR EDUCATION 04.0 CR  
 1\* 07.30-09.20 M W F 0629 101  
 490 PRACT OUTDOOR ED 12.0 TC 16.0 CR  
 PREREQ DEPARTMENT CONSENT  
 1 TO BE ARRANGED  
 CROSSLISTED WITH REC 490  
 510 OUTDOOR ED WORKSH 04.0 CR  
 1 08.00-11.00 M W F 0629 101  
 08.00-04.00 T TH 0629 101  
 JUNE 14-25 CROSSLISTED WITH REC 510  
 596 INDEPENDENT STUDY 02.0 TC 09.0 CR  
 1 TO BE ARRANGED  
 CROSSLISTED WITH REC 596  
 2 08.00-11.00 M W F 0629 101 NCWAK PAUL  
 08.00-04.00 T TH 0629 101  
 JUNE 28-JULY 9 CROSSLISTED WITH REC 596

### Design (DES)

366 P-S DESIGN 04.0 TC 16.0 CR  
 PREREQ DES 200 215 275  
 1 TO BE ARRANGED  
 375 VISUAL DESIGN 04.0 TC 16.0 CR  
 PREREQ DES 200 215 275  
 1 TO BE ARRANGED  
 490F STUDIO P-S DESIGN 02.0 TC 12.0 CR  
 1 TO BE ARRANGED  
 490G STUDIO-VISUAL DES 02.0 TC 12.0 CR  
 1 TO BE ARRANGED  
 550 FIELD STUDY DESIGN 02.0 TC 16.0 CR  
 1 TO BE ARRANGED  
 595 THESIS 03.0 TC 09.0 CR  
 1 TO BE ARRANGED

### Economics (ECON)

214 ECONOMICS-MACRO 04.0 CR  
 1 10.30-11.20 MTWTH WHAM 308  
 2 03.30-04.20 TWTHF LAWSON 221  
 215 ECONOMICS-MICRO 04.0 CR  
 PREREQ ECON 214  
 1 07.30-08.20 MT THF WHAM 302  
 2 01.30-02.20 T TH LAWSON 221  
 01.30-02.20 W F LAWSON 131  
 301 ECONOMIC READINGS 01.0 TC 06.0 CR  
 PREREQ CONSENT OF INSTR & CHAIRMAN  
 1 TO BE ARRANGED JAM HABIB O E  
 308 ECON-BUS STAT I 04.0 CR  
 PREREQ GSD 110  
 1 08.30-09.20 M W TECH A 210 STOWE  
 08.30-09.20 T TH TECH A 222  
 2 09.30-10.20 M WTHF WHAM 307 BUNGER  
 3 03.30-04.20 MTWTH WHAM 201 BCHI  
 315 MONEY AND BANKING I 04.0 CR  
 PREREQ ECON 215 OR CONSENT OF INSTR  
 1 12.30-01.20 MTWTH WHAM 206 ELLIS  
 330 PUBLIC FINANCE 04.0 CR  
 PREREQ GSB 211A OR ECON 215 OR  
 CONSENT OF INSTR  
 1 11.30-12.20 TWTHF 0875 102 MORRISON  
 436 GOVT AND LABOR 04.0 CR  
 PREREQ GSB 211A & 211B OR CONSENT OF  
 INSTR  
 1 08.30-09.20 M WTH CL 25 EDELMAN MILTON T

440	INTERMED MICRO THEO	04.0 CR	
	PREREQ ECON 215 CR CONSENT CF INSTR		
1	07.30-08.20 MTW F WHAM	202	
2	12.30-01.20 TWTHF WHAM	228	
441	INTERMED MACRO TH	04.0 CR	
	PREREQ ECON 214		
1	02.30-03.20 MT THF WHAM	206	
490	ECONOMIC EDUCATION	04.0 CR	
1	08.30-12.00 MTWTHF WHAM	208	WIEGAND G CARL
	01.30-03.20 MTWTHF WHAM	208	WIEGAND G CARL
	CROSSLISTED WITH S ED 49C-AUGUST 16-27		
501	ECONOMICS READING	01.0 TC 05.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
1	TO BE ARRANGED		
502	READING IN RES ECON	01.0 TC 06.0 CR	
	PREREQ CONSENT CF FORESTRY DEPT		
1	TO BE ARRANGED		
540A	MICRECON THEORY I	04.0 CR	FERELL RAYMOND S
	PREREQ 440 CR CONSENT OF INSTR		
1	11.30-12.20 MTW F COMM	2012	MARTINSEK
562	SEM IN EC SYSTEMS	04.0 CR	
	PREREQ ECON 481 CR CONSENT OF INSTR		
1	09.30-10.20 MT TH H EC	202	EADRE
	09.30-10.20 F H EC	201	
575	ECONOMIC REGULATION	04.0 CR	
	PREREQ ECON 440 CR CONSENT OF INSTR		
1	01.30-02.20 MTW H EC	102	MARTINSEK
	01.30-02.20 F H EC	104	
599	THESIS	01.0 TC 09.0 CR	
1	TO BE ARRANGED		
600	DOCTORAL DISSERTAT	01.0 TC 48.0 CR	
1	TO BE ARRANGED		

### Educational Administration and Foundations (EDAF)

355	PHILOSOPHY OF EDUC	04.0 CR	
1	07.30-08.20 MTWTH WHAM	210	
2	07.30-08.20 MTWTH WHAM	319	
3	08.30-09.20 MTWTH WHAM	112	
4	08.30-09.20 MT TH CL	109	
	08.30-09.20 W COMM	1017	
5	09.30-10.20 MTWTH WHAM	112	
6	10.30-11.20 MT TH 0861	102	
	10.30-11.20 W 0871	101	
7	11.30-12.20 MTWTH WHAM	317	
8	11.30-12.20 MTWTH 0861	102	
9	12.30-01.30 MTWTH WHAM	302	
10	01.30-02.20 MTWTH WHAM	206	
11	02.30-03.20 MTWTH WHAM	210	
360	SUBCULT IN AMER ED	04.0 CR	
1	10.30-11.20 MTWTH WHAM	303	VINOUCR SAMUEL M
431	HIST OF EDUC IN U S	04.0 CR	
1*	08.30-09.20 MTWTHF WHAM	329	
432	EDUC & SOC FORCES	04.0 CR	
1*	12.30-01.20 MTWTHF WHAM	201	COUNTS GEORGE
500	RESEARCH METHODS	04.0 CR	
1*	07.30-08.20 MTWTHF WHAM	328	
2*	08.30-09.20 MTWTHF WHAM	228	
3*	09.30-10.20 MTWTHF CL	24	
502	SEMINAR COMP EDUC	04.0 CR	
1*	09.30-10.20 MTWTHF WHAM	205	LEAN ARTHUR EDWARD
502V	SEM COM ED-VIETNAM	04.0 CR	
	PREREQ GRAD STATUS		
1*	08.30-09.20 MTWTHF WHAM	202	DEWEESE, HAROLD W.
504	SEM HIST EUR EDUC	04.0 CR	
1*	09.30-11.20 M W LS II	130	
506	CURR REL AM CULTURE	04.0 CR	
	PREREQ 560 CR CONSENT OF INSTR		
1*	08.30-09.20 MTWTHF LS II	130	FISHBACK

\* 8 week course meets June 22-August 13

507B	20TH CENTURY & EDUC		04.0 CR		
1*	09.30-10.20	MTWTHF	WHAM	308	CCUNTS
508B	INTERDISCIP SEM ED		04.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1*	10.30-11.20	MTWTHF	WHAM	112	MOORE
511A	INTERN PRACTICUM		04.0 CR		
	PREREQ	CONSENT OF THE DEPARTMENT ADVISORY COMMITTEE			
1	TO BE ARRANGED				EWING PARKER LELAND
511B	INTERN PRACTICUM		04.0 CR		
	PREREQ	511A			
1	TO BE ARRANGED				EWING PARKER LELAND
511C	INTERN PRACTICUM		04.0 CR		
	PREREQ	511B			
1	TO BE ARRANGED				EWING PARKER LELAND
52CA	LEGAL BASIS-AMER ED		04.0 CR		
1*	10.30-11.20	MTWTHF	WHAM	202	SASSE EDWARD B
524A	SCHL ADMINISTRATION		04.0 CR		
1*	08.30-09.20	MTWTHF	WHAM	305	
524B	SCHL ADMINISTRATION		04.0 CR		
	PREREQ	EDAF 524A			
1*	10.30-11.20	MTWTHF	WHAM	312	ARMISTEAD
524C	SCHL ADMINISTRATION		04.0 CR		
	PREREQ	EDAF 524B			
1*	08.30-09.20	MTWTHF	PULL	34	
533	SCHOOL BUILDINGS		04.0 CR		
1*	08.30-09.20	MTWTHF	WHAM	312	
534A	SCHOOL FINANCE		04.0 CR		
1*	09.30-10.20	MTWTHF	WHAM	305	
554	CONTRAST PHIL IN ED		04.0 CR		
	PREREQ	355 CR PHIL 355 CR EQUIVALENT			
1*	11.30-12.20	MTWTHF	WHAM	208	LEAN ARTHUR EDWARD
556A	SCHOOL SUPERVISION		04.0 CR		
1*	09.30-10.20	MTWTHF	WHAM	303	ARMISTEAD FRED J
556B	SEM-ED SUPERVISION		04.0 CR		
	PREREQ	EDAF 556A			
1*	08.30-09.20	MTWTHF	WHAM	212	BRACEWELL GEORGE
560	CURRICULUM		04.0 CR		
1*	10.30-11.20	MTWTHF	WHAM	328	FISHBACK WOODSON W
563	SCHOOL PUBLIC REL		04.0 CR		
1*	09.30-10.20	MTWTHF	WHAM	317	
564	SEC S PRINCIPALSHIP		04.0 CR		
	PREREQ	CONSENT OF INSTR			
1*	11.30-12.20	MTWTHF	WHAM	305	
575A	IND RES CURRICULUM		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				FISHBACK
575B	IND RES SUPERVISION		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				ARMSTEAD
575C	IND RES BUILDINGS		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
575D	IND RES FINANCE		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
575E	IND RES SCHOOL LAW		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				SASSE EDWARD B
575F	IND RES COMPAR EDUC		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				LEAM
575G	IND RES HIST EDUC		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				VINOCUR SAMUEL M
575H	IND RES PHIL EDUC		01.0 TC 04.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				MCKENZIE WILLIAM R

575J	IND RES ADMIN	01.0 TC 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
576A	READINGS ADM-SUPV	01.0 TC 04.0 CR			SASSE EDWARD B
	PREREQ CONSENT OF DEPT CHAIRMAN AND INSTRUCTOR				
1	TO BE ARRANGED				
576B	READINGS ADM-SUPV	01.0 TC 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN AND INSTRUCTOR				
1	TO BE ARRANGED				
576C	READINGS ADM-SUPV	01.0 TC 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN AND INSTRUCTOR				
1	TO BE ARRANGED				
591	SEM-SOC & PHIL FOUN	02.0 CR			
	PREREQ ADVANCED STANDING				
1*	09.30-11.20	W	WHAM	301A	DENNIS
2*	09.30-11.20	M W	LS II	146	VINOCUR
592	DOCT SEM CULT FOUN	04.0 CR			
	PREREQ 591				
1*	09.30-11.20	T TH	WHAM	301A	MCKENZIE WILLIAM R
596	IND INVESTIGATION	05.0 TC 09.0 CR			
1	TO BE ARRANGED				A
597	THESIS	01.0 TC 03.0 CR			
1	TO BE ARRANGED				A
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				A

### Elementary Education (ELED)

100	INTRO TO ELEM EDUC	03.0 CR			
1	07.30-08.20	M W F	WHAM	206	RANDOLPH VICTOR
2*	08.30-09.20	MTWTHF	WHAM	205	WEIR MARJORIE E
101	DEVELOPING-LRN SKL	02.0 CR			
1	08.30-09.20	M W F	WHAM	114	MCINTYRE BARBARA A
2	01.30-02.20	M W F	WHAM	114	
3	02.30-03.20	M W F	WHAM	114	
203	UNDRSTD EL SCH CHLD	03.0 CR			
	PREREQ GSB 201C				
1*	11.30-12.20	M W F	WHAM	228	CASPERS
2	01.30-02.20	M W F	WHAM	302	LEE J MURRAY
309	KIND-PRIM SOC STUD	03.0 CR			
	PREREQ 316				
1*	09.30-10.20	MTWTHF	WHAM	208	SWICK
314	ELEM SCHOOL METHODS	04.0 CR			
	PREREQ GUID 305				
1	07.30-08.20	MTWTH	WHAM	203	SWICK
	ELED MAJORS ONLY				
2*	08.30-09.20	MTWTHF	WHAM	206	RANDOLPH VICTOR
	ELED MAJORS ONLY				
3	01.30-02.20	MTWTH	WHAM	203	LAMB
	ELED MAJORS ONLY				
4	02.30-03.20	MTWTH	WHAM	228	LINDBERG DORMALEE H
	ELED MAJORS ONLY				
316	KINDER PRIMARY METH	04.0 CR			
	PREREQ GUID 305				
1*	09.30-10.20	MTWTHF	WHAM	203	ZIMNY BILLIE
337	READING IN ELEM SCH	04.0 CR			
	PREREQ 314				
1*	08.30-09.20	MTWTHF	WHAM	303	MAGGART
	THE ABOVE SECTION-TAKE CONCURRENTLY WITH 423 SEC 1				
2*	09.30-10.20	MTWTH	WHAM	210	MAGGART
3	10.30-11.20	MTWTHF	WHAM	203	BROD ERNEST E
4*	12.30-01.20	MTWTHF	WHAM	203	BROD ERNEST E
350	KIND PRI STUD TCH	04.0 TC 16.0 CR			
1	TO BE ARRANGED				
351	EL STUDENT TCH	04.0 TC 16.0 CR			

\* 8 week course meets June 22-August 13



1	TO BE ARRANGED				
	GENERAL				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	E M H				
4	TO BE ARRANGED				
	MUSIC				
5	TO BE ARRANGED				
	P E				
6	TO BE ARRANGED				
	P H				
7	TO BE ARRANGED				
	SP C				
8	TO BE ARRANGED				
	SP ED				
375	READINGS IN EL ED	02.0 TC 03.0 CR			SLOAN FRED A JR
1	TO BE ARRANGED				
410	KIND-PRI ARITHMETIC	04.0 CR			
	PREREQ MATH 210				
1*	11.30-12.20	MTWTHF	WHAM	203	LINDBERG
411	SEM - INSTRUCTION	02.0 TC 04.0 CR			
1	TO BE ARRANGED				SLOAN FRED A JR
2*	12.30-01.20	MTWTHF	WHAM	317	LINDBERG DORMALEE H
413	CHILDRENS LIT	04.0 CR			
	PREREQ GUID 305				
1*	11.30-12.20	MTWTHF	WHAM	112	HOSKIN, BARBARA
2*	12.30-01.20	MTWTHF	WHAM	321	HOSKIN, BARBARA
415	IMPR ARITH ELEM SCH	04.0 CR			
	PREREQ MATH 210 CR CONSENT OF INSTR				
1*	10.30-11.20	MTWTHF	WHAM	208	BEATTIE IAN D
423	TCH EL ENG LANG ART	04.0 CR			
	PREREQ 314, 316, & 337				
1	09.20-10.20	MTWTH	WHAM	228	BULLER & MAGGART
	MUST BE TAKEN CONCURRENTLY WITH ELED 337				
	SECTION 1				
424	TEACH EL SOC STUD	04.0 CR			
	PREREQ 314, 316 & 337				
1*	11.30-12.20	MTWTHF	WHAM	210	LAMB, MORRIS
	RESTRICTED TO STUDENTS WHO HAVE HAD 314				
431	ED FOR DISADV CHILD	04.0 CR			
	PREREQ 337				
1*	08.30-09.20	MT TH	CL	24	SWICK
	08.30-09.20	W	WHAM	302	
	08.30-09.20	F	WHAM	112	
433	WORKSHOP KIND PRI	04.0 CR			
1*	08.30-11.20	MTWTHF	WHAM	201	CUNNINGHAM KAY L
	%JULY 19-AUG 13<				
441	INTRO-TEACH EL SCI	04.0 CR			
	PREREQ ELED 314				
1*	11.30-12.20	MTWTHF	PULL	304	TOMERA & HUNGERFORD
445	PAR INVOLVE IN EDUC	04.0 CR			
	PREREQ STUDENT TEACHING OR CONSENT OF INSTRUCTOR				
1*	10.30-11.20	MTWTHF	WHAM	206	ZIMNY BILLIE
	ALTERNATE PREREQ 314				
465	PSY OF ELEM SCH SUB	04.0 CR			
	PREREQ 314, GUID 305				
1	TO BE ARRANGED				SLOAN FRED A JR
475D	WKSHP ELD-SCIENCE	08.0 CR			
	PREREQ ELED 314				
1*	01.00-04.00	MTWTHF	PULL	304	HUNGERFORD, TOMERA, JO
	MUST BE TAKEN CONCURRENTLY WITH GEOG 402A				
475F	WKSHP ELED-SOC STUD	04.0 CR			
	PREREQ ELED 314				
1	09.30-11.20	MTWTHF	TECH A	408	LAMB, MORRIS
490	ECON ED IN ELEM SCH	02.0 TC 03.0 CR			
1*	02.30-03.20	MTWTHF	WHAM	203	WIEGAND G CARL

505	READING IN ELEM SCH	04.0 CR		
1*	08.30-09.20 MTWTHF WHAM	203	ERCD ERNEST E	
507	READINGS IN READING	02.0 TC 04.0 CR		
	PREREQ 505 AND CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		FILL, MARGARET	
2	TO BE ARRANGED		FISHCO, DANIEL	
3	TO BE ARRANGED		EULLER, MELVIN	
4	TO BE ARRANGED		BROD, ERNEST	
509	PRACTICUM IN READ	04.0 TC 08.0 CR		
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		HILL	
2	TO BE ARRANGED			
515	PRCB ARITH ELEM SCH	04.0 CR		
	PREREQ 415 CR CONSENT OF INSTRUCTOR			
1*	08.30-09.20 MTWTHF WHAM	210	BEATTIE IAN D	
516	INTERN IN READING	04.0 TC 12.0 CR		
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		HILL, MARGARET	
2	TO BE ARRANGED			
517	KIND-PRI PRACTICUM	02.0 TC 04.0 CR		
	PREREQ 8 HOURS OF STUDENT TEACHING			
1	TO BE ARRANGED		BAKER REBECCA E	
518	SUP OF ST TEACH	02.0 CR		
1	08.30-09.20 MTWTHF PULL	39	CASEY JOHN P	
	%JUNE 22-JULY 17<			
519	READINGS-ELEM MATH	02.0 TC 04.0 CR		
	PREREQ 415, 515			
1	TO BE ARRANGED		BEATTIE IAN D	
520	DIAG ELEM MATH DISA	04.0 CR		
	PREREQ 515 CR CONCURRENT REGISTRATION			
1	TO BE ARRANGED		BEATTIE IAN D	
521A	DIAG-COR READ DISAB	04.0 CR		
	PREREQ 505, CR CONCURRENT REGISTRAT., AND TEACHING EXPER.			
1*	10.30-11.20 MTWTHF WHAM	231	FISHCO	
	TAKE AS A UNIT WITH B&C-STUDENT MAY TAKE NOTHING ELSE			
521B	DIAG-COR READ DISAB	04.0 CR		
	PREREQ 521A			
1*	11.30-12.20 MTWTHF WHAM	231	FISHCO, DANIEL	
	TAKE AS A UNIT WITH A&C-STUDENT MAY TAKE NOTHING ELSE			
521C	DIAG-COR READ DISAB	04.0 CR		
	PREREQ 521B			
1*	12.30-01.20 MTWTHF WHAM	231	FISHCO, DANIEL	
	TAKE AS A UNIT WITH A&B-STUDENT MAY TAKE NOTHING ELSE			
537	KIND-PRI READING	04.0 CR		
	PREREQ 337 CR CONSENT OF INSTRUCTOR			
1*	10.30-11.20 MTWTHF WHAM	114	HILL	
541	PROB, TREND -EL SCI	04.0 CR		
	PREREQ 441 CR 442 CR CONSENT OF INSTR			
1*	11.30-12.20 MTWTHF WHAM	212	HUNGERFORD HAROLD R	
542	LANG ARTS IN EL SCH	01.0 TC 04.0 CR		
1*	10.30-11.20 MTWTHF WHAM	210	EULLER	
543	SOC STUD IN EL SCH	04.0 CR		
1*	11.30-12.30 MTWTHF WHAM	206	RANDOLPH VICTOR	
557	ELEM PRINCIPALSHIP	04.0 CR		
1*	09.30-10.20 MTWTHF WHAM	212	BRADFIELD LUTHER E	
560	KIND-PRI ED	04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1*	08.30-09.20 MTWTHF WHAM	208	BAKER REBECCA E	
561	ELEM SCH CURR	04.0 CR		
1*	09.30-10.20 MTWTHF WHAM	206	LEE J MURRAY	
563	ORGANIZATION EL SCH	04.0 CR		
1	TO BE ARRANGED		SLCAN FRED A JR	

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575A	IND RES CURRICULUM	02.0 TC 04.0 CR	LEE J MURRAY
1	TO BE ARRANGED		LINDBERG, DORMALEEH
2	TO BE ARRANGED		LAMB, MORRIS
3	TO BE ARRANGED		
575B	INC RES SUPERVISION	02.0 TC 04.0 CR	BRADFELD LUTHER E
1	TO BE ARRANGED		SLOAN, FRED
2	TO BE ARRANGED		
575C	IND RES LANG ARTS	02.0 TC 04.0 CR	
1	TO BE ARRANGED		BULLER
2	TO BE ARRANGED		
575D	IND RES SCIENCE	02.0 TC 04.0 CR	HUNGERFORD HAROLD R
1	TO BE ARRANGED		
575E	IND RES READING	02.0 TC 04.0 CR	HILL MARGARET
1	TO BE ARRANGED		FISHCO, DANIEL
2	TO BE ARRANGED		
575F	IND RES SOC STUD	02.0 TC 04.0 CR	RANDOLPH VICTOR
1	TO BE ARRANGED		SWICK
2	TO BE ARRANGED		LAMB
3	TO BE ARRANGED		
575G	IND RES ELEM ED	02.0 TC 04.0 CR	SLCAN FRED A JR
1	TO BE ARRANGED		
575H	IND RES ARITHMETIC	02.0 TC 04.0 CR	BEATTIE IAN D
1	TO BE ARRANGED		
575J	IND RES PROB IN K-P	02.0 TC 04.0 CR	BAKER REBECCA E
1	TO BE ARRANGED		
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	LEE & SLCAN
1	TO BE ARRANGED		HILL & FISHCO
2	TO BE ARRANGED		
599	THESIS	03.0 TC 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	LEE J MURRAY
1	TO BE ARRANGED		HILL, MARGARET
2	TO BE ARRANGED		SLOAN, FRED
3	TO BE ARRANGED		BEATTIE
4	TO BE ARRANGED		

### Engineering (ENGR)

100	ORIENTATION		00.0 CR
1	03.30-04.20	TH	TECH A 111
222	DIGITAL COMP PROG		03.0 CR
	PREREQ MATH 111B		
1	08.30-09.20	T TH	TECH A 111
	07.30-08.20	T TH	TECH A 420
2	08.30-09.20	T TH	TECH A 111
	09.30-10.20	T TH	TECH A 422
3	08.30-09.20	T TH	TECH A 111
	02.30-03.20	M F	TECH B 20
4	08.30-09.20	T TH	TECH A 111
	03.30-04.20	M F	TECH B 20
5	08.30-09.20	T TH	TECH A 111
	07.30-08.20	M W	TECH A 420
6	08.30-09.20	T TH	TECH A 111
	09.30-10.20	M W	TECH A 422
7	08.30-09.20	T TH	TECH A 111
	02.30-03.20	T TH	TECH A 422
8	08.30-09.20	T TH	TECH A 111
	03.30-04.20	T TH	TECH A 408
260A	ANALY MECHANICS		03.0 CR
	PREREQ CONCURRENT ENROLLMENT IN		
	MATH 150B		
1	02.30-03.20	MTWTHF	TECH A 308
	01.30-02.20	T	TECH A 308
	JUNE 21-JULY 27		
260B	ANALY MECHANICS		03.0 CR
	PREREQ ENGR 260A		
1	02.30-03.20	MTWTHF	TECH A 308
	01.30-02.20	T	TECH A 308
	JULY 28-SEPT 3		

300A	THERMODYNAMICS			03.0 CR
	PREREQ MATH 252A			
1	07.30-08.20	M W F	TECH A	322
302	HEAT TRANSFER			03.0 CR
	PREREQ 222, 300A & MATH 305A			
1	01.30-02.20	M W F	TECH A	408
311A	PROPERTIES OF MAT			03.0 CR
	PREREQ 260C & MATH 252B			
1	12.30-01.20	MT THF	TECH D	131
	09.30-11.20	TH	TECH D	14
313A	FLUID MECHANICS			03.0 CR
	PREREQ ENGR 260C			
1	11.30-12.20	MTWTHF	TECH D	14A
	12.30-01.20	W	TECH D	14A
	JUNE 21-JULY 27			
313B	FLUID MECHANICS			03.0 CR
	PREREQ ENGR 313A			
1	11.30-12.20	MTWTHF	TECH D	14A
	12.30-01.20	W	TECH D	14A
	JULY 28-SEPT 3			
335	ELECTRICAL CIRCUITS			04.0 CR
	PREREQ MATH 252A			
1	09.30-10.20	MTW F	NKRS A	278
338	ELECTROMAG FIELDS			03.0 CR
	PREREQ MATH 305A			
1	08.30-09.20	M W F	TECH A	308
409	ENGR HYDROLOGY			03.0 CR
	PREREQ ENGR 313B			
1	TO BE ARRANGED			
417	FUND-COMP FLUID FLO			03.0 CR
	PREREQ ENGR 313A,B			
1	TO BE ARRANGED			
430	SPECIAL PROBLEMS	02.0 TC	08.0 CR	
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED			
438	ELECTRONIC DEVICES			03.0 CR
	PREREQ SENIOR STANDING			
1	10.30-11.20	M W F	TECH D	131
442	STRUCT DESIGN-METAL			04.0 CR
	PREREQ ENGR 440A CR			CONSENT OF INSTR
1	TO BE ARRANGED			
570	SPECIAL INVESTIGAT	02.0 TO	06.0 CR	
1	TO BE ARRANGED			
580	SEMINAR	01.0 TO	09.0 CR	
1	TO BE ARRANGED			
599	THESIS	01.0 TC	09.0 CR	
1	TO BE ARRANGED			

### Engineering Technology (ET)

100	ORIENTATION			00.0 CR
1	03.30-04.20	TH	TECH A	111
102A	GRAPHIC COMMUNICAT			03.0 CR
1	09.30-10.20	T	TECH A	111
	09.30-11.20	W F	TECH A	207
2	09.30-10.20	T	TECH A	111
	02.30-04.20	W F	TECH A	207
102B	GRAPHIC COMMUNICAT			03.0 CR
	PREREQ E T 102A			
1	09.30-10.20	W	TECH A	111
	09.30-11.20	M TH	TECH A	207
102C	GRAPHIC COMMUNICAT			03.0 CR
	PREREQ E T 102B			
1	02.30-03.20	W	TECH A	111
	02.30-04.20	M TH	TECH A	207
260A	STATICS & DYNAMICS			03.0 CR
	PREREQ MATH 150B CONCURRENT			
1	10.30-11.20	MTWTHF	TECH A	320
	11.30-12.20	W	TECH A	320
	JUNE 21-JULY 27			

\* 8 week course meets June 22-August 13

260B	STATICS & DYNAMICS	03.0 CR	
	PREREQ E T 260A		
1	10.30-11.20 MTWTHF	TECH A 320	
	11.30-12.20 W	TECH A 320	
	JULY 28-SEPT 3		
304A	ELECTRICAL CIRCUITS	03.0 CR	
	PREREQ MATH 150B CR CONCURRENT ENROLLMENT		
1	11.30-12.20 T TH	TECH D 104	
	01.30-03.20 M W F	TECH D 104	
	JUNE 21-JULY 27		
304B	ELECTRICAL CIRCUITS	03.0 CR	
	PREREQ E T 304A		
1	11.30-12.20 T TH	TECH D 104	
	01.30-03.20 M W F	TECH D 104	
	JULY 28-SEPT 3		
311A	STRENGTH-MATERIALS	03.0 CR	
	PREREQ E T 260B		
1	12.30-01.20 MT THF	TECH A 320	
	01.30-04.20 T TH	TECH D 14	
2	12.30-01.20 MT THF	TECH A 320	
	08.30-11.20 T TH	TECH D 14	
	JUNE 22-JULY 28		
311B	STRENGTH-MATERIALS	03.0 CR	
	PREREQ E T 260B		
1	12.30-01.20 MT THF	TECH A 422	
	01.30-04.20 T TH	TECH D 14	
2	12.30-01.20 MT THF	TECH A 422	
	08.30-11.20 T TH	TECH D 14	
	JULY 28-SEPT 3		
313A	EL HEAT POWER	04.0 CR	
	PREREQ MATH 150A		
1	03.30-04.20 MTWTH	TECH A 220	
318A	HYDRAULICS	03.0 CR	
	PREREQ E T 260C		
1	07.30-08.20 MTWTHF	TECH A 410	
	08.30-09.20 W	TECH D 14A	
2	09.30-10.20 M W	NKRS C 218	
	09.30-10.20 T THF	TECH A 420	
	08.30-09.20 F	TECH D 14A	
	JUNE 21-JULY 27		
318B	HYDRAULICS	03.0 CR	
	PREREQ E T 318A		
1	07.30-08.20 MT THF	TECH A 408	
	08.30-11.20 T TH	TECH D 14A	
2	07.30-08.20 MT THF	TECH A 408	
	01.30-04.20 T TH	TECH D 14A	
	JULY 28-SEPT 3		
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
	PREREQ CONSENT OF COORDINATOR		
1	TO BE ARRANGED	A	
2	TO BE ARRANGED	A	
	SECT 2 RESTR TO ENVIRON HEALTH INSTITUTE STUDENTS		
465A	INDUSTRIAL SAFETY	04.0 CR	
	PREREQ JR STANDING		
1	02.30-03.20 MTWTH	TECH A 420	
<b>English (ENG)</b>			
209	INTRO- THREE GENRES	04.0 CR	
	PREREQ GSC 103		
1*	08.30-09.20 M W F	0720 118	APPLEBY
	08.30-09.20 T TH	0720 114	
2*	12.30-01.20 MT THF	0720 109	TAYLOR
300A	GRAMMATICAL ANAL	03.0 CR	
1*	09.30-10.20 MT TH	0720 116	FRIEND
300B	GRAMMATICAL ANAL	03.0 CR	
	PREREQ ENG 300A		
1	10.30-11.20 MT TH	0721 101	EPSTEIN



302A	ENG LIT TO 1550		04.0	CR	
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG				
1	01.30-02.20	MT THF	0720	109	GARDNER
302B	ENG LIT 1550-1750		04.0	CR	
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG				
1	08.30-09.20	MT THF	AG	188	BROWN
2	12.30-01.20	MT THF	0720	117	HARRELL ROBERT B
302C	ENG LIT-AFTER 1750		04.0	CR	
	PREREQ REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG				
1	11.30-12.20	MT THF	0720	117	BURNS WINIFRED
309A	AMER LIT-TO 1860		04.0	CR	
1	10.30-11.20	MT THF	0720	117	CASSIDY
309C	AM LIT 1914-PRESENT		04.0	CR	
1	01.30-02.20	MT THF	0720	117	PETERSON
390	ADVANCE COMPOSITION		03.0	CR	
	PREREQ C AVERAGE IN GSD 101, 102 AND GSC 103				
1	10.30-11.20	WTH	PULL	37	RICHMAN
	10.30-11.20	M	WHAM	301B	
2	11.30-12.20	MT TH	0720	118	WESHINSKEY ROY
3	02.30-03.20	MT TH	0720	117	RICHMAN
400	INTRO ENG LINGUIST		04.0	CR	
1	01.30-02.20	MT THF	0720	118	FRIEND JOSEPH H
403	HIST - ENG LANGUAGE		04.0	CR	
1	08.30-09.20	MT THF	0720	117	RAINBOW RAYMOND S JR
404C	MID ENG LIT-CHAUCER		04.0	CR	
1	02.30-03.20	MT THF	0720	116	GARDNER
410	LIT FOR ADOLESCENT		04.0	CR	
1*	10.30-11.20	MTWTHF	0875	102	APPLEBY
412B	17C ENG LIT-NON DR		04.0	CR	
	PREREQ MAY BE TAKEN SINGLY				
1	10.30-11.20	MT THF	H EC	122	SIMEONE
420B	AMER POET - MODERN		04.0	CR	
	PREREQ MAY BE TAKEN SINGLY				
1	09.30-10.20	M WTHF	0720	101	STIBITZ
421B	ENG POET-LATER ROM		04.0	CR	
1	10.30-11.20	MT THF	0720	116	BENZIGER
454B	ENG FICT-VICT NOVEL		04.0	CR	
1	07.30-08.20	MT THF	H EC	201	FARTLOW ROBERT B JR
454C	ENG FICT-CONTEMP BR		04.0	CR	
1	12.30-01.20	MT THF	0720	114	EPSTEIN
456	MODERN CONT FICT		04.0	CR	
1	08.30-09.20	MT TH	0720	105	RAIZIS
	08.30-09.20	F	0720	109	
458B	AMER FICT - CONTEMP		04.0	CR	
1	11.30-12.20	MT THF	0720	109	HCWELL
471B	SHAKESPEARE		04.0	CR	
1	09.30-10.20	MT THF	0720	114	BROWN WILLIAM J
485	PROB TEACH ENG /P/		04.0	CR	
1	08.30-10.20	M	LAWSON	231	ECTTS RODERIC C
	08.30-10.20	W	LAWSON	131	BOTTS RODERIC C
497C	HONORS ENGLISH		04.0	CR	
1	TO BE ARRANGED				LAWSON RICHARD
499	READINGS IN ENGLISH	02.0 TO 06.0	CR		
	PREREQ NO MORE THAN 4HRS MAY BE TAKEN IN ANY ONE QUARTER				
1	TO BE ARRANGED				LAWSON RICHARD
500	M & M ENG RESEARCH		02.0	CR	
1	07.30-08.20	T TH	0720	114	RAINBOW RAYMOND S JR
509	STUD MID ENG LIT		04.0 TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	01.30-03.20	M W	0721	101	HATTON
513	STUD 17 C ENG LIT		04.0 TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	11.30-01.20	T TH	0720	116	SCHULTZ HOWARD
	TOPIC - MILTON				

\* 8 week course meets June 22-August 13

514B	EARLY 18TH C LIT	04.0 TC 08.0 CR	
	PREREQ CONSENT OF DEPT		
1	07.30-09.20 T TH	0720	109 SCHONHORN
	18TH CEN NOVEL		
532	STUDIES AMER TRANS	04.0 TC 12.0 CR	
	PREREQ CONSENT OF DEPT		
1	11.30-01.20 M W	PULL	39 STIBITZ
	TOPIC-THOREAU		
536	STUD LAT 19C AM WR	04.0 TC 12.0 CR	
	PREREQ CONSENT OF DEPT		
1	09.30-11.20 M	0871	101 MCSS
	09.30-11.20 W	0720	106
	TOPIC-DICKINSON		
58C	TRADITIONAL THEMES	04.0 CR	
1	01.30-03.20 T TH	0720	105 SIMIONE
581A	PRCB TEACHING ENG	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	01.30-03.20 T TH	0720	107 EVANS
581B	PROB TEACHING ENG	04.0 CR	
	PREREQ CONSENT OF DEPT		
1*	11.30-01.20 T TH	0720	108 FRIEND
581C	PROB TEACHING ENG	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	11.30-01.20 M W	0721	101 BCTTS
598A	IND REV ENG AM LIT	01.0 TC 03.0 CR	
1	TO BE ARRANGED		BCYLE
598B	IND REV ENG AM LIT	01.0 TC 03.0 CR	
1	TO BE ARRANGED		BCYLE
600	DISSERTATION	01.0 TC 48.0 CR	
1	TO BE ARRANGED		BCYLE

#### Finance (FIN)

320	INTRO TO BUS FIN	04.0 CR	
	PREREQ ACCT 261, ECCN 215		
1	08.30-09.20 MTWTHF	WHAM	308
2	10.30-11.20 MTWTHF	WHAM	228
3	11.30-12.20 MTWTHF	WHAM	308
323	INVESTMENTS	04.0 CR	
	PREREQ 320 CR CONSENT OF INSTRUCTOR		
1	09.30-10.20 MTWTH	H EC	201
371	BUSINESS LAW I	04.0 CR	
1	11.30-12.20 MTWTH	0862	102
2	01.30-02.20 TWTHF	LAWSON	201
372	BUSINESS LAW II	04.0 CR	
	PREREQ 371		
1	12.30-01.20 MTWTH	H EC	208
373	BUSINESS LAW III	04.0 CR	
	PREREQ 371		
1	12.30-01.20 TWTHF	CL	109

#### Food & Nutrition (F & N)

247B	SCHOOL LUNCH PROG	02.0 CR	
1	09.00-04.00 MTWTHF	TRUEBL	100 BECKER
	%JUNE 14 - JUNE 18<		
256	SCIENCE OF FOOD	05.0 CR	
	PREREQ F&N 100, CHEM 110 AND 240 OR EQUIVALENT		
1	11.30-12.20 M W F	H EC	212 BECKER
	11.30-01.20 T TH	H EC	212
371	FIELD EXPERIENCE	06.0 CR	
	PREREQ CONSENT OF CHAIRMAN & INSTR		
1	TO BE ARRANGED		BECKER HENRIETTA E
572	SPECIAL PROBLEMS	02.0 TC 05.0 CR	
1*	TO BE ARRANGED		KCNISHI
599	THESIS	01.0 TC 09.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1*	TO BE ARRANGED		KCNISHI

# Foreign Languages (FL)

French (FR)						
161A	FR FOR GRAD STUDENT			00.0	CR	
1	09.30-10.20	MTWTH	G721	101		
161B	FR FOR GRAD STUDENT			00.0	CR	
1	09.30-10.20	MTWTH	AG	214		
201	INTERMEDIATE FRENCH			09.0	CR	
	PREREQ GSC 123-9 CR GSC 123C, CR					
	2 YRS HIGH SCHOOL					
1	09.30-11.20	MT THF	WHLR	113	CUNDERSON FRANK E	
	09.30-10.20	W	WHLR	113	CUNDERSON FRANK E	
	10.30-11.20	W	G720	121	CUNDERSON FRANK E	
350A	ADVANCED COMP-CONV			04.0	CR	
	PREREQ FR 201C					
1	08.30-09.20	M W	WHAM	301B		
	08.30-09.20	T TH	WHAM	231		
354	INTRO LIT ANALYSIS			04.0	CR	
	PREREQ FR 350					
1	08.30-09.20	MTWTH	PULL	41		
402A	CONTEM FR NOV & THE			03.0	CR	
	PREREQ 354 AND ONE QUARTER OF 397					
1	09.30-10.20	M W F	WHAM	301B	KILKER	
461	FRENCH STYLISTICS			04.0	CR	
	PREREQ FR 350, 354 CR CONSENT OF INST					
	R					
1	10.30-11.20	MT F	H EC	120	CMEARA	
	10.30-11.20	TH	WHLR	214		
501	SEM SELC FR AUTHOR			02.0	TC 06.C	CR
1	10.30-11.20	T TH	H EC	201	SMITH MADELEINE M	
543	RESEARCH PROBLEMS			02.0	TC 06.C	CR
1	TO BE ARRANGED					
599	THESIS			02.0	TC 09.0	CR
1	TO BE ARRANGED					

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

German (GER)						
161A	GER FOR GRAD STUD			00.0	CR	
1	12.30-01.20	MTW F	WHLR	203		
161B	GER FOR GRAD STUD			00.0	CR	
1	01.30-02.20	MTW F	WHLR	214		
201	INTERMEDIATE GERMAN			09.0	CR	
	PREREQ GSC 126-9 CR GSC 126C OR 2 YRS					
	HIGH SCHOOL					
1	08.30-10.20	MT THF	WHLR	207	GADWAY JOHN F	
	08.30-09.20	W	WHLR	207	GADWAY JOHN F	
	09.30-10.20	W	G720	121	GADWAY JOHN F	
	ACCELERATED					
201C	INTERMEDIATE GERMAN			03.0	CR	
	PREREQ GER 201B					
1	11.30-12.20	M W F	WHLR	113	GADWAY JOHN F	
	11.30-12.20	TH	G720	121	GADWAY JOHN F	
310A	INTRO TO GERMAN LIT			04.0	CR	
	PREREQ GER 201C					
1	10.30-11.20	M W F	H EC	106		
	10.30-11.20	T	WHAM	326		
407	20TH CENT GER PLAYS			02.0	CR	
1	08.30-10.20	T TH	AG	218		
411A	MIDDLE HIGH GERMAN			03.0	CR	
1	08.30-10.20	M W F	WHAM	231	FRENCH	
	JUNE 22- JULY 23					
411B	MIDDLE HIGH GERMAN			03.0	CR	
1	11.30-12.20	M W F	WHLR	212	FRENCH	
	JULY 26-AUG 27					
497	READG 18TH CT LIT		C1.C	TC 02.C	CR	
1	08.30-09.20	M W	AG	218	HARTWIG	

\* 8 week course meets June 22-August 13

498	READG 19TH CT LIT	01.0 TC 02.0 CR	
1	09.30-10.20	W F CL 25	HARTWIG
501	SEMINAR GER AUTHOR	02.0 TO 06.0 CR	
1	TO BE ARRANGED		
513	20TH CENTURY NOVEL	03.0 CR	
1	10.30-11.20	T TH WHLR 207	HARTWIG HELLMUT A
543	RESEARCH PROBLEMS	02.0 TO 06.0 CR	
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

#### Romance Philology (R PH)

41C	ROMANCE PHILOLOGY I	04.0 CR	
1	10.30-11.20	MTW F WHLR 203	DAVIS

#### Russian (RUSS)

161	RUSS GRAD STUD	00.0 CR	
1	01.30-02.20	M W F H EC 106	KUPCEK
320	READING IN RUSS LIT	02.0 CR	
1	10.30-11.20	T TH WHLR 212	KUPCEK
414	RUSSIAN POETRY	03.0 CR	
	PREREQ RUSS 308C OR DEPT APPROVAL		
1	11.30-12.20	M W F WHLR 214	KUPCEK
415	RUSSIAN PHONETICS	03.0 CR	
	PREREQ RUSS 308C OR DEPT APPROVAL		
1	10.30-11.20	M W F WHLR 207	KUPCEK
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

#### Spanish (SPAN)

140A	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 140		
1	10.30-11.20	W WHLR 212	
140B	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 140		
1	10.30-11.20	T 0720 114	
140C	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 140		
1	10.30-11.20	M WHLR 212	
161A	SPAN FOR GRAD STUD	00.0 CR	
1	12.30-01.20	M WTH WHAM 307	
	12.30-01.20	T WHAM 301B	
161B	SPAN FOR GRAD STUD	00.0 CR	
1	12.30-01.20	MTWTH WHLR 207	
201	INTERMED SPANISH	09.0 CR	
	PREREQ GSD 140 OR 2 YRS H.S. SPAN OR EQUIV		
1	09.30-11.20	M LS II 430	
	09.30-11.20	T THF NKRS C 218	
	09.30-11.20	W ARENA 119	
	ACCELERATED COURSE		
201C	INTERMED SPANISH	03.0 CR	
	PREREQ SPAN 201B		
1	08.30-09.20	M W F NKRS C 116	
	08.30-09.20	TH 0720 121	
220A	INTER SPAN CONVER	02.0 CR	
	PREREQ GSD 140 OR 2 YRS H.S. SPAN OR EQUIV		
1	02.30-03.20	M W WHLR 107	
	OPEN TO ALL 201-9 + 201C SUMMER STDS		
310B	SURVEY SPANISH LIT	03.0 CR	
1	11.30-12.20	M W F WHLR 207	

316	CIVIL ESPANOLA	03.0	CR		
	PREREQ CONSENT CF INSTRUCTOR				
1	08.30-09.20 M W F GYM	204			
3208	ADV COMP AND CCNV	02.0	CR		
1	09.30-10.20 M W WHLR	203		CAVIS J CARY	
360	TRAVEL-STUDY MEXICO	02.0	TO 08.0	CR	
	PREREQ ADVANCED STANDING IN SPANISH				
1	TO BE ARRANGED			WCSYLUS	
400	TRAVEL- STUDY SPAIN	04.0	CR		
	PREREQ PARTICIPATION IN TRAVEL-STUDY TOUR IN SPAIN				
1	TO BE ARRANGED			BCRK A W	
422	CONT SP AM POETRY	03.0	CR		
1	09.30-10.20 T THF WHLR	203		MEINHARDT	
490	READINGS IN SPAN	01.0	TO 06.0	CR	
	PREREQ PERMISSION OF DEPT				
1	TO BE ARRANGED				
500	SEMINAR LAT AM FICT	02.0	TO 06.0	CR	
1	09.30-10.20 M W TECH A	410		MEINHARDT WARREN L	
501	SEMINAR SP AUTHOR	02.0	TO 06.0	CR	
1	12.30-01.20 MTW F WHLR	113		WOODBRIDGE HENSLEY C	
	JUNE 22-JULY 30				
543	RESEARCH PROBLEMS	02.0	TO 06.0	CR	
1	TO BE ARRANGED				
575	ADV TOPICS IN SPAN	03.0	TO 12.0	CR	
1	11.30-12.20 MTW F WHLR	203		WOODBRIDGE	
	11.30-01.20 TH WHLR	203			
	JUNE 22-JULY 30				
599	THESIS	02.0	TO 09.0	CR	
1	TO BE ARRANGED				

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

### Family Economics and Management (FE & M)

300	HOME EC FOR MEN	03.0	CR		
1	12.30-01.20 M W F H EC	206		HEISLER ARLENE	
2	02.30-03.20 M W F H EC	206		HEISLER ARLENE	
331	MGT FAMILY RES	03.0	CR		
1	01.30-02.20 T THF H EC	206		HEISLER ARLENE	
332	HOME MGT PRACTICUM	04.0	CR		
	PREREQ 227, 331				
1	09.30-11.20 T TH H EC	400		HEISLER	
2	02.30-04.20 T TH H EC	400		MCDANIEL	
341	CONSUMER PROBLEMS	04.0	CR		
1	11.30-12.20 MT THF H EC	206			
407	WORKSHOP	02.0	TO 08.0	CR	
1	07.30-09.20 MTWTHF H EC	206		JOHNSTON	
	%JULY 19 - JULY 30<-METHODS & MAT IN HOME MGT				
2	11.30-01.20 MTWTHF H EC	203		CRAIG	
	%JULY 19-JULY 30<-DECION MAKING FOR CONSUMERS				
481	READINGS	02.0	TO 06.0	CR	
	PREREQ CONSENT CF INSTR & CHAIRMAN				
1	TO BE ARRANGED				
571	RECENT RESEARCH	04.0	CR		
1	01.30-03.20 MTWTHF H EC	5		JCHNSTON	
	%JULY 19-AUG 3<				
572	SPECIAL PROBLEMS	02.0	TO 08.0	CR	
1	TO BE ARRANGED				
599	THESIS	02.0	TO 09.0	CR	
1	TO BE ARRANGED				

### Forestry (FOR)

104	INTRO FORESTRY	03.0	CR		
1	07.30-08.20 T TH S AG	166			

\* 8 week course meets June 22-August 13



221	CENDROLOGY		04.0 CR		
1	08.30-09.20	M W F	AG	187	HCUSTON
	09.30-11.20	T	AG	187	HCUSTON
259	TECH IN AG & FOREST		03.0 TC 60.0 CR		
	PREREQ	TRANSFER FROM 2 YR PROGRAM			
1	TO BE ARRANGED				ANDRESEN JOHN W
390	SPEC PROB IN FOREST		01.0 TC 06.0 CR		
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				ANDRESEN JOHN W
391	HONORS IN FORESTRY		01.0 TC 06.0 CR		
	PREREQ	JR STAND, 4.0 GPA%4.25 IN MAJ<			
		, & CONSENT OF DEPT CHM			
1	TO BE ARRANGED				ANDRESEN JOHN W
490	PRACTICUM		04.0 TC 16.0 CR		
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				ANDRESEN JOHN W
520A	READ FOR & FOR REC		01.0 TC 06.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				MCCURDY DWIGHT R
520B	READINGS RES ECON		01.0 TC 06.0 CR		
	PREREQ	CONSENT OF INSTR PLUS FOR 475			
		OR EQUIV			
1	TO BE ARRANGED				FERELL RAYMOND S
520C	READ FOR PRO WD SCI		01.0 TC 06.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				MCSLEMI ALI A
575	RESEARCH		01.0 TC 06.0 CR		
1	TO BE ARRANGED				
599	THESIS		01.0 TC 09.0 CR		
1	TO BE ARRANGED				

### Geography (GEOG)

300	INTRO TO GEOG		04.0 CR		
1	12.30-02.20	M W	0483	101	HILLIARD SAM
302	PHYSICAL GEOGRAPHY		04.0 CR		
	PREREQ	GEOG 300			
1	12.30-02.20	T TH	0483	101	SHARPE DAVID
304	ECONOMIC GEOGRAPHY		04.0 CR		
	PREREQ	GEOG 300			
1	07.30-09.20	M W	0483	101	THOMAS FRANK
406A	ADV CULT GEOG I		04.0 CR		
	PREREQ	GEOG 306 CR CONSENT OF DEPT			
1	10.30-12.20	M W	0483	101	HILLIARD SAM
433A	ADV PHYS GEOG		04.0 CR		
	PREREQ	302			
1	01.00	MTWTF	PULL	304	JONES DAVID
	RESTRICTED TO INSTITUTE PARTICIPANTS				
440	READINGS-MAJORS		02.0 TC 06.0 CR		
	PREREQ	MAJORS ONLY			
1	TO BE ARRANGED				
490C	TUTORIAL IN GEOG		01.0 TC 04.0 CR		
	PREREQ	GEOG MAJOR AND SENIOR STANDING			
1	08.30-10.20	T	0483	101	LCBB GARY
515	FIELD COURSE		04.0 CR		
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				LCBB GARY
530	INDEP STUDY GEOG		02.0 TC 10.0 CR		
1	TO BE ARRANGED				
540A	RESEARCH PHYS GEOG		02.0 TC 36.0 CR		
	PREREQ	GEOG 520			
1	TO BE ARRANGED				SHARPE
540B	RESEARCH-ECON GEOG		02.0 TC 36.0 CR		
	PREREQ	GEOG 521			
1	TO BE ARRANGED				THOMAS
540C	RESEARCH REG GEOG		02.0 TO 36.0 CR		
	PREREQ	GEOG 522			
1	TO BE ARRANGED				HILLIARD SAM B

540D	RESEARCH CULT GEOG	02.0 TC 36.0 CR	
	PREREQ GEGG 524		
1	TO BE ARRANGED		LEBE GARY
599	THESIS	03.0 TC 09.0 CR	
	PREREQ CONSENT CF DEPT		
1	TO BE ARRANGED		THOMAS FRANK HENRY
600	DISSERTATION	01.0 TC 48.0 CR	
	PREREQ CONSENT CF DEPT		
1	TO BE ARRANGED		THOMAS FRANK HENRY

## Geology (GEOL)

430	PHYSIOGRAPHIC N AM	04.0 CR	
	PREREQ GEOL 220		
1	TO BE ARRANGED		BELL FRANK J
440	INDEPENDENT STUDY	01.0 TC 04.0 CR	
	PREREQ GEOL 220, 221, ADVANCED STANDING		
1	TO BE ARRANGED		
450A	FIELD GEOLOGY	09.0 CR	
	PREREQ GEOL 302 AND 315		
1	TO BE ARRANGED		UTGAARD JOHN EDWARD
450B	ADV FIELD GEOLOGY	03.0 CR	
	PREREQ GEOL 450A		
1	TO BE ARRANGED		UTGAARD JOHN EDWARD
540	ADVANCED STUDIES	01.0 TC 09.0 CR	
	PREREQ CGNSNT		
1	TO BE ARRANGED		HARRIS STANLEY E JR
541	EARTH SCI INST		
	RESEARCH	01.0 TC 09.0 CR	
	PREREQ CONSENT		
1	TO BE ARRANGED		
599	THESIS	02.0 TC 09.0 CR	
1	TO BE ARRANGED		

## Government (GOVT)

231	AMERICAN NATL GOVT	04.0 CR	
1	08.30-09.20 T THF	NKRS C 218	
	08.30-09.20 W	NKRS C 118	
232	STATE LOCAL GOVT	04.0 CR	
	PREREQ 231 CR GSB 211B		
1	08.30-09.20 T THF	0861 102	WHISTLER
	08.30-09.20 W	0862 101	
2	11.30-12.20 M	CCMM 1017	JACKSON JOHN S III
	11.30-12.20 T THF	CL 109	
301	SCOPE & METH-POL SC	04.0 CR	
1	10.30-11.20 MTWTH	0875 101	
321	READINGS	01.0 TC 06.0 CR	
	PREREQ APPROVAL CF GCVT DEPT UNDER-GRAD ADVISOR		
1	TO BE ARRANGED		SAPPENFIELD
2	TO BE ARRANGED		SAPPENFIELD
330	ILL GOVERNMENT	02.0 CR	
	PREREQ 231 CR GSB 211B CR JR STANDING		
1	01.30-02.20 M W	H EC 206	KENNEY
340	THE LEGIS PROCESS	03.0 CR	
	PREREQ 231 CR GSB 211B		
1	02.30-03.20 M W F	LAWSON 201	VANDERSLIK
360	PUBLIC ADMIN	04.0 CR	
	PREREQ GSB 211B CR GCVT 231		
1	08.30-09.20 TWTHF	LAWSON 231	SAPPENFIELD
381	PUB OPIN & ELEC BEH	04.0 CR	
1	12.30-01.20 MTWTH	H EC 102	LCNG
425	BLKSWHTS-AMER POL	04.0 CR	
	PREREQ GSB 211B CR GCVT 231		
1	01.30-02.20 M W	H EC 118	MORRIS
	01.30-02.20 T TH	H EC 203	
430	GOVT NATL SEC	03.0 CR	
1	10.30-11.20 MT TH	0862 101	FANSEN
458A	GOVT & POL OF ASIA	04.0 CR	
1	08.30-09.20 MTWTH	TECH A 408	JACOBINI

\* 8 week course meets June 22-August 13

467	URBAN POLITICS			04.0 CR	
	PREREQ	GOVT 232			
1	10.30-11.20	MTWTH	0862	102	BAKER
478	INTERNATL POLITICS			04.0 CR	
	PREREQ	BASIC COURSES, RELATED TRNG, O			
		R CONSENT OF INSTR			
1	10.30-12.20	T TH	WHAM	319	PAINE & LANDECKER
485	POLITICAL PSYC			04.0 CR	
1	02.30-03.20	MT THF	H EC	104	MILLER
488B	REC POLIT THEORY			03.0 CR	
	PREREQ	SR CR GRAD STANDING, OR CON-			
		SENT OF INSTR			
1	08.30-09.20	T THF	H EC	122	MORTON
490	HONORS RESEARCH		02.0 TC 06.0 CR		
	PREREQ	CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED				SAPPENFIELD
508	SEM-INTERNAL REL			04.0 CR	
	PREREQ	BASIC CCURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	09.30-11.20	T TH	WHLR	107	GARNER
515	SEM-COMPARATIVE GOV			04.0 CR	
	PREREQ	BASIC CCURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	12.30-02.20	T TH	CL	25	STAUBER
517	SEM PROB POL THEORY			04.0 CR	
	PREREQ	484 CR 488 CR CONSENT OF INSTR			
1	10.30-12.20	T TH	CL	326	MORTON
520	SEM AMER FOR POLICY			04.0 CR	
	PREREQ	BASIC CCURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	10.30-12.20	M W	WHAM	307	KLINGBERG
521	READINGS		01.0 TC 12.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				HANSON
2	TO BE ARRANGED				HANSON
530	INTERNSP PUB AFF		04.0 TC 12.0 CR		
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				SAPPENFIELD
551	POLIMETRICS			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	02.30-04.20	M W	CL	25	LEVINE
595	INDIVIDUAL RESEARCH		02.0 TC 12.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				HANSON
599	THESIS		01.0 TC 09.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				HANSON
600	DISSERTATION		01.0 TC 48.0 CR		
	PREREQ	MIN CF 36 HRS TO BE EARNED FOR			
		DOC OF PHIL DEGREE			
1	TO BE ARRANGED				HANSON

### Guidance and Educational Psychology

(GUID)

305	EDUC PSYCHOLOGY			04.0 CR	
	PREREQ	GSB 201C			
1	09.30-10.20	TW	LAWSON	161	
	09.30-10.20	THF	COMM	1017	
2	09.30-10.20	TW	LAWSON	161	
	09.30-10.20	TH	LS II	350	
	09.30-10.20	F	LS II	450	
3	09.30-10.20	TW	LAWSON	161	
	09.30-10.20	TH	H EC	102	
	09.30-10.20	F	H EC	104	
4	09.30-10.20	TW	LAWSON	161	
	09.30-10.20	TH	H EC	203	
	09.30-10.20	F	WHAM	210	
5	09.30-10.20	TW	LAWSON	161	
	09.30-10.20	TH	NKRS A	458	
	09.30-10.20	F	NKRS A	258	

6	09.30-10.20	TW	LAWSON	161		
	09.30-10.20	TH	H EC	106		
	09.30-10.20	F	H EC	118		
7	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	THF	H EC	122		
8	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	TH	NKRS A	458		
	11.30-12.20	F	NKRS A	258		
9	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	TH	WHAM	228		
	11.30-12.20	F	WHAM	329		
10	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	THF	WHAM	205		
11	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	THF	CCMM	1006		
12	11.30-12.20	T	LAWSON	161		
	11.30-12.20	W	LAWSON	141		
	11.30-12.20	THF	0720	103		
412	MENTAL HYGIENE			04.0	CR	
	PREREQ GUID 305					
1*	11.30-12.20	MTWTHF	WHAM	202	YATES J W	
2	01.30-03.20	T TH	WHAM	302	YATES J W	
422A	CONST-USE EVAL INST			04.0	CR	
	PREREQ GUID 305					
1*	07.30-08.20	MTWTHF	WHAM	208		
2*	08.30-09.20	T THF	H EC	120		
	08.30-09.20	M W	0861	102		
3*	09.30-10.20	MTWTHF	WHAM	312		
481	SEMINAR			02.0	TC 12.0	CR
	PREREQ GUID 305 AND CCNSENT OF INSTRUCTOR & DEPT					
1*	02.30-04.20	T F	WHAM	319	CCDY JOHN J	
501	SPEC RESEARCH PROB			02.0	TC 12.0	CR
	PREREQ ADVANCED STANDING & CCNSENT OF DEPARTMENT					
1	TO BE ARRANGED				CCDY JOHN J	
505	INTR TO STAT METH			04.0	CR	
1*	07.30-08.20	MTWTHF	LAWSON	131	LEWIS ERNEST	
2*	08.30-09.20	MTWTHF	WHAM	307	LEWIS ERNEST	
3	09.30-11.20	T TH	NKRS C	118	ELMORE PATRICIA	
4*	11.30-12.20	MTWTHF	LAWSON	131	BRACHT GLENN	
5	02.30-03.20	MTWTHF	CCMM	1020	LINDSEY JEFFERSON	
506	ADV STATISTICAL MET			04.0	CR	
	PREREQ GUID 505					
1*	07.30-08.20	MTWTHF	WHAM	307	MCUW JOHN	
2*	09.30-10.20	MTWTHF	WHAM	202	LINDSEY JEFFERSON	
3*	10.30-11.20	MTWTHF	LAWSON	131	BRACHT GLENN H	
507	DES & ANAL OF EXPER			04.0	CR	
	PREREQ GUID 506					
1	08.30-10.20	T TH	WHAM	321	MCUW JOHN	
2*	09.30-10.20	MTWTHF	PULL	39	MCNEIL KEITH	
515	PSY ASPECTS OF ED			04.0	CR	
	PREREQ ADVANCED STANDING					
1*	10.30-12.20	W F	WHAM	3018	WILLIAMS REED G	
521A	ANAL-CLASSRM BEHAV			04.0	CR	
	PREREQ GUID 305					
1*	01.30-03.20	M W	WHAM	231	SULZER	
530	STANDARDIZED TEST			04.0	CR	
	PREREQ GUID 505					
1*	10.30-12.20	T TH	WHAM	3018	BRADLEY RICHARD W	
531	THEORY OF MEASUREMT			04.0	CR	
	PREREQ GUID 505 CR CCNSENT OF INSTR					
1	TO BE ARRANGED				B TYLER, TOM	

\* 8 week course meets June 22-August 13

532A	INDIV MEAS THEORY	04.0 CR			
	PREREQ GUID 505 AND CONSENT OF INSTR				
1*	06.00-09.00 PM TH WHAM	229			DALY WILLIAM C
532B	INDIV MEAS APPRAIS	04.0 CR			
	PREREQ GUID 532A				
1*	06.00-09.00 PM M WHAM	229			AMBLE BRUCE ROY
537A	COUNSEL THEOR--PRAC	04.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1*	02.30-04.20 M W WHAM	319			MEEK CLINTON ROSCOE
541	COCUP INF & GUID	04.0 CR			
	PREREQ GUID 442				
1*	11.30-12.20 MTWTHF TECH A	422			RAMP WAYNE S
543	GUID THROUGH GROUPS	04.0 CR			
	PREREQ GUID 442				
1*	10.30-12.20 M W WHAM	329			ALTEKRUSE MICHAEL K
545M	SEM-PSYC FOUND - ED	04.0 CR			
1*	09.30-11.20 M W TECH B	20			CCDY
548A	PRACT IN SEC GUID	02.0 TC 04.0 CR			
	PREREQ GUID 537 AND CONSENT OF INSTR				
1*	03.30-05.20 T TH WHAM	212			GRAFF
548B	PRACT IN ELEM GUID	02.0 TC 04.0 CR			
	PREREQ GUID 537 AND CONSENT OF INSTR				
1*	03.30-05.20 W F WHAM	303			ALTEKRUSE
548C	PRAC IN COUNSELING	04.0 TC 08.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1*	TO BE ARRANGED				GRAFF ROBERT W
548D	PRAC IN SCHOOL PSYC	02.0 TC 08.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1*	TO BE ARRANGED				SOLZER BETH W
555	SEM IN SCHOOL PSYC	02.0 TC 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
562A	HUM DEV IN ED-CHILD	04.0 CR			
	PREREQ ADVANCED STANDING				
1*	01.30-03.30 M W WHAM	329			DEICHMANN JOHN W
562B	HUM DEV IN ED-ADOL	04.0 CR			
	PREREQ MAY BE TAKEN IN A,B SEQUENCE				
1	08.30-10.20 M W WHAM	229			GRAFF, ROBERT
568	TOP SEM-COUN & GUID	02.0 TC 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1*	01.30-03.20 T TH WHAM	301A			BRADLEY RICHARD W
580	TOP SEM-STAT & MEAS	02.0 TC 12.0 CR			
	PREREQ INSTRUCTORS PERMISSION				
1*	10.30-12.20 M W CL	326			MCNEIL
581	PRACT-COUNS & GUID	01.0 TO 12.0 CR			
	PREREQ GUID 548C				
1	TO BE ARRANGED				GRAFF ROBERT W
590	SEM - BEHAV FOUNDAT	02.0 CR			
	PREREQ FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES				
1*	09.30-11.20 M WHAM	301A			CODY JOHN J
596	INDEP INVESTIGATION	02.0 TC 12.0 CR			
	PREREQ INSTRUCTORS PERMISSION				
1*	03.30-05.00 T TH WHAM	112			CCDY JOHN J
597	INDEPENDENT STUDY	01.0 TC 12.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				CCDY JOHN J
599	THESIS	03.0 TO 09.0 CR			
1*	TO BE ARRANGED				CCDY JOHN J
600	DISSERTATION	01.0 TO 48.0 CR			
1*	TO BE ARRANGED				CCDY JOHN J

#### Health Education (HED)

301	F ED CONCEPTS ADV	04.0 CR			
	PREREQ .				
1	11.30-12.20 MTWTH	0861	101		VINCENT RAYMOND J
302S	DRIVER-TRAFF SAFETY	04.0 CR			
	PREREQ A VALID DRIVERS LICENSE				
1	07.30-08.20 MTWTH L-APS	136			COCLEY AUBREY C



305	PRIN-FOUND H ED		04.0 CR		
1	12.30-01.20	MTWTH	ARENA 121	RUSSELL, ROBERT	
313S	INTRO SAFETY EDUC		04.0 CR		
	PREREQ .				
1	08.30-09.20	MTWTHF	L-APS 136	COOLEY AUBREY C	
325	CUMM HEALTH PROB		03.0 CR		
	PREREQ .				
1	06.30-09.00 PM	W	ARENA 121	PHILLIPS, FRANCES	
334S	FIRST AID		04.0 CR		
	PREREQ .				
1	07.30-08.20	MTWTH	ARENA 119	FARRIS EILEEN M	
2	08.30-09.20	MTWTH	ARENA 119		
3	06.00-07.40 PM	WTH	GRASSY 100	KLAWITER	
350	METH MAT SCH HEALT		04.0 CR		
	PREREQ .				
1	10.30-11.20	MTWTH	ARENA 121	PHILLIPS FRANCES K	
355	INTRO TO PUB HEALTH		04.0 CR		
	PREREQ .				
1	03.30-05.20	M W	ARENA 121	AMADIO, JOHN	
356	PUBLIC HEALTH II		05.0 CR		
	PREREQ .				
1	TO BE ARRANGED			RICHARDSON CHARLES	
400	HEALT APP SCH CHILD		04.0 CR		
	PREREQ NOT OPEN TO STUDENTS WHO HAVE HAD 450				
1	09.30-10.20	MTWTH	ARENA 121	FARRIS, EILEEN	
401	DIS PREVENT & CONTR		03.0 CR		
1	11.30-12.20	MTWTH	GYM 204	FREEMAN	
415S	WKSHOP DR ED TR SAF	03.0 TC	04.0 CR		
	PREREQ H ED 302 CR EQUIV				
1	11.30-12.20	MTWTHF	L-APS 135	LINDAVER, LARRY	
442S	DRIV & TRAF SAFE ED		04.0 CR		
	PREREQ HED 302S				
1	11.30-12.20	MTWTHF	L-APS 135	RITZEL DALE O	
443S	DRIV & TRAF SAFE ED		04.0 CR		
	PREREQ HED 442S				
1*	09.30-10.20	MTWTHF	L-APS 135	BRIDGES A FRANK	
445S	DRIVER SIMULATION		04.0 CR		
	PREREQ HED 443S				
1	01.30-04.20	MTWTHF	L-APS 136	RITZEL, DALE	
	*JUNE 22-JULY 16<				
461	WORKSHOP HEALTH ED	04.0 TC	08.0 CR		
	PREREQ H ED 100 OR ITS EQUIV				
1	01.20-04.40	MTWTHF	ARENA 119	RUSSELL ROBERT D	
	*JUNE 19-JULY 13<				
462	HEALTH ED WORKSHOP		04.0 CR		
	PREREQ .				
1	01.20-04.40	MTWTHF	ARENA 119	RUSSELL ROBERT D	
	JULY 19-AUG 13				
463	HEALTH ED WORKSHOP	01.0 TC	04.0 CR		
	PREREQ .				
1	01.20-04.40	MTWTHF	ARENA 119	RUSSELL ROBERT D	
	JULY 19-AUG 13				
47CS	HWY SAFE-STIM & DEP		04.0 CR		
	PREREQ ADVANCED STANDING OR CONSENT OF F INSTRUCTOR				
1	08.30-10.20	MTWTHF	L-APS 136	RITZEL, DALE	
	JULY 19-AUG 6				
471	CRG AD SCH HEALTH		04.0 CR		
	PREREQ .				
1*	07.30-08.20	MTWTHF	ARENA 121	CASEY, RALPH	
475S	TRAFFIC LAW ENFORCE		04.0 CR		
	PREREQ H ED 433S OR CONSENT OF INSTR				
1*	10.30-11.20	MTWTHF	L-APS 135	BRIDGES A FRANK	
488	ED ASP ENVIRON SAN		04.0 CR		
	PREREQ H ED 100,205,CR EQUIVALENT				
1	TO BE ARRANGED			GRISSOM, DEWARD	

\* 8 week course meets June 22-August 13

490	FLD WK SCH CCMM HEA	02.0 TC 08.0 CR			
	PREREQ RESTRICTED TO MAJORS IN DEPT				
1*	TO BE ARRANGED				RICHARDSON CHARLES
491	F TCH-SCHOOL & CCMM	04.0 CR			
	PREREQ H ED 305,471 CR CONSENT OF INSTRUCTOR				
1*	08.30-09.20 MTWTHF	ARENA 125			VINCENT RAYMOND J
495S	DRIVER ED-HANDICAP	04.0 CR			
	PREREQ ADVANCED STANDING CR CONSENT OF INSTRUCTOR				
1	12.30-02.20 MTWTHF	L-APS 135			AARON
	JULY 19-AUG 6				
511	PRACT H ED WKSHOP	05.0 CR			
1	11.30-12.20 MTWTHF	ARENA 123			RUSSELL ROBERT D
	%JUNE 22-JULY 16<				
515	CUR LIT IN HTH ED	04.0 CR			
1	TO BE ARRANGED				RICHARDSON CHARLES
520	SPEC PROJ-HED & SAF	04.0 TC 06.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
525S	ORG-ADMN-SUP-SAF ED	04.0 CR			
1*	07.30-08.20 MTWTHF	L-APS 135			AARON JAMES E
526	EVAL IN HED & SAFE	04.0 CR			
1*	11.30-12.20 MTWTHF	ARENA 119			CASEY, RICHARDSON
533A	HUMAN CONSERVATION	04.0 CR			
	PREREQ PERMISSION OF INSTRUCTOR				
1*	08.30-09.20 MTWTHF	ARENA 121			GRISSOM & RICHARDSON
533C	HUMAN CONSERVATION	04.0 CR			
	PREREQ H ED 533A,B				
1*	10.30-11.20 MTWTHF	0720 105			RICHARDSON & GRISSOM
550S	CURRENT DEV-DES ED	04.0 CR			
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR				
1	02.30-04.20 MTWTHF	L-APS 135			AARON
	JULY 19-AUG 6				
590	FIELD INTERNSHIP	04.0 TC 12.0 CR			
1	TO BE ARRANGED				GRISSOM
597A	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
597B	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
597C	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
599	THESIS	03.0 TC 09.0 CR			
1*	TO BE ARRANGED				BOYDSTON DONALD N
600	DISSERTATION	01.0 TC 48.0 CR			
	PREREQ MUST MEET MINIMUM REQ OF 36 HRS FOR PH D DEGREE				
1*	TO BE ARRANGED				BOYDSTON DONALD N

### Higher Education (HIED)

510	HIGHER EDUC IN U S	04.0 CR			
1*	10.30-12.20 M WTH	WHAM 302			HAWLEY JOHN BABCOCK
512	HIED-SELECT NATIONS	04.0 CR			
1*	01.30-03.20 M W	WHAM 312			CALDWELL CLIVER J
	01.30-03.20 TH	WHAM 307			
515	COL STUDENT PER WK	04.0 CR			
1	10.30-11.20 T	LS II 130			CASEBEER
	01.30-04.20 T	LS II 130			
	10.30-11.20 TH	CCMM 1022			
516	COL STUDENT-CULTURE	04.0 CR			
1	08.30-09.20 T TH	H EC 201			CASEBEER
	01.30-04.20 W	WHAM 305			
518	COLLEGE TEACHING	04.0 CR			
1*	09.30-10.20 MTWTHF	WHAM 319			SWINBURNE
522	READINGS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1*	TO BE ARRANGED				
2*	TO BE ARRANGED				
3*	TO BE ARRANGED				

523B	INTERN-STUDENT PERS	01.0 TC 12.0 CR				
	PREREQ CONSENT OF DEPT					
1*	TO BE ARRANGED					CASEBEER ARTHUR L
523C	INTERN-COLLEGE ADM	01.0 TC 12.0 CR				
	PREREQ CONSENT OF DEPT					
1*	TO BE ARRANGED					TOLLE & KING
524	INDIVIDUAL STUDY	02.0 TC 06.0 CR				
	PREREQ CONSENT OF INSTRUCTOR					
1*	TO BE ARRANGED					
2*	TO BE ARRANGED					
3*	TO BE ARRANGED					
535C	STUDENT PER GROUP W	02.0 CR				
1	01.30-03.20 MTWTHF	0870	104			CASEBEER
	JULY 19-30					
535E	PRCB IN CTR ADMIN	02.0 CR				
1*	08.30-09.20 MTWTHF	WHAM	301A			KING
535H	ADMIN OF ADM & REC	02.0 CR				
1	TO BE ARRANGED					A CASEBEER
	JUNE 22-JULY 2					
535I	JR COLLEGE ADMIN	02.0 CR				
1	01.30-03.20 M W F	WHAM	307			TOLLE DONALD J
	JUNE 23-JULY 16					
535K	ADULT & CONTIN EDUC	02.0 CR				
1	01.30-03.20 MTWTHF	WHAM	205			HAWLEY & SWINBURNE
	JULY 12-23					
545Q	SEMINAR-HISTORY	03.0 CR				
1	11.30-12.20 MTWTHF	0875	101			
545R	SEMINAR-SOCIOLOGY	03.0 CR				
1*	TO BE ARRANGED					HAWLEY JOHN BABCOCK
545S	SEMINAR-LAW & LEG	03.0 CR				
1	01.30-03.20 MTWTHF	WHAM	205			CASEBEER & HAMMOND
	AUG 2-13					
545V	FED GOV & HI ED	03.0 CR				
1	01.30-03.20 MTWTHF	WHAM	205			ADAMS
	JUNE 22 -JULY 9					
555	PHILOSOPHY OF HI ED	04.0 CR				
1*	10.30-11.20 MTWTHF	WHAM	212			KING
565	COMMUNIT-JR COLLEGE	04.0 CR				
1*	01.30-04.20 T TH	WHAM	202			TOLLE DONALD J
589	ADVANCED RESEARCH	04.0 TC 08.0 CR				
	PREREQ CONSENT OF INSTRUCTOR					
1*	TO BE ARRANGED					
595	HIED SEMINAR III	02.0 CR				
	PREREQ CONSENT OF INSTRUCTOR					
1*	TO BE ARRANGED					KING
	ADVANCED DOCTORAL STUDENTS					
599	THESIS	01.0 TC 09.0 CR				
1*	TO BE ARRANGED					
600	DISSERTATION	01.0 TC 48.0 CR				
	PREREQ MINIMUM OF 36 HRS TO BE EARNED					
	FOR DOCTOR OF PHIL					
1*	TO BE ARRANGED					

## History (HIST)

332A	MEDIEVAL HISTORY	03.0 CR				
1	10.30-11.20 M W TH	0720	101			BREHM
333C	EUR HIST-20TH CENT	03.0 CR				
1	01.30-02.20 MT TH	LAWSON	131			CDAY
352A	LATIN AMER-COLONIAL	03.0 CR				
1	08.30-09.20 M TH	H EC	208			GARDINER
	08.30-09.20 T	WHAM	326			
403B	AMER ECONOMIC HIST	03.0 CR				
1	10.30-11.20 M W F	0861	101			CCNRAD
	1800-1900					
406A	PRCB IN BLCK AM HIS	03.0 CR				
	PREREQ 6 HRS 300 LEVEL	SUC SCI CR CON				
	SENT OF INSTR					
1	08.30-09.20 T TH	TECH A	210			HUDSON
	08.30-09.20 F	0875	101			

\* 8 week course meets June 22-August 13

41C	SPECIAL READINGS	02.0 TC 05.0 CR	
1	TO BE ARRANGED		
414B	INT-HIST EUR-19TH C	03.0 CR	
1	08.30-09.20 MT TH	LAWSON 131	VYVERBERG
430C	LATE MODERN EUROPE	03.0 CR	
1	12.30-03.20 W	0720 108	CDAY
	1918 ON		
434A	SEC&POL EUR TO 1870	03.0 CR	
1	09.30-10.20 T TH	0720 105	ZUCKER
	09.30-10.20 F	0720 116	
435B	20TH CENT U.S. HIST	03.0 CR	
	PREREQ GSB 300C CR CONSENT OF INSTR		
1	07.30-08.20 MT TH	H EC 102	ALLEN
440C	AMER DIPL 1920-PRES	03.0 CR	
1	12.30-01.20 TWTH	WHAM 205	TRANI
455	HIST INNER-ASIA REL	03.0 CR	
1	07.30-08.20 M W F	H EC 203	KUC
460B	SOC+INSTIT HIS-M A	03.0 CR	
1	11.30-12.20 T THF	H EC 102	SHELBY
471B	MEXICO--20TH CEN	03.0 CR	
1	11.30-12.20 M W	H EC 102	GOLD
	11.30-12.20 TH	WHAM 328	
477	BRAZIL SINCE INDEP	03.0 CR	
	PREREQ 6 HRS OF 300 LEVEL SOC SCI OR		
	CONSENT OF DEPARTMENT		
1	10.30-11.20 MT TH	LS II 350	GARDINER
478A	HISTORY OF SPAIN	03.0 CR	
	PREREQ 6 HRS OF 300 LEVEL SOC SCI OR		
	CONSENT OF INSTR		
1	09.30-10.20 M WTH	H EC 118	BREHM
500A	SEMINAR-AMER HIST	05.0 CR	
1	01.30-04.30 T TH	CL 326	HUDSON
510	READING IN HISTORY	02.0 TC 12.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
1	TO BE ARRANGED		
515A	SEM 20TH CEN US HIS	04.0 CR	
1	09.30-11.20 T TH	CL 25	ALLEN HOWARD W
575B	STUDIES-LATIN AMER	04.0 CR	
1	01.30-04.20 M	WHAM 301A	GOLD
583A	SEM - MED & REN HIS	04.0 CR	
1	01.30-04.30 TH	WHLR 203	SHELBY
590	MOD EUROPEAN HIST	04.0 CR	
	PREREQ GRAD STANDING OR PERMISSION OF		
	DEPT		
1	01.30-04.30 T	WHLR 203	ZUCKER
595	THESIS	01.0 TC 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TC 48.0 CR	
1	TO BE ARRANGED		

### Home Economics Education (HEED)

305A	PROGRAM PLANNING	03.0 CR	
	PREREQ GUID 305, S ED 310		
1	03.30-04.20 M W F	H EC 120	EDDLEMAN EDNA J
313	SPECIAL PROBLEMS	02.0 TC 04.0 CR	
	PREREQ		
1	TO BE ARRANGED		MCORE VIOLET
	RESTRICTED TO THOSE TAKING 371		
	CONCURRENTLY		
371	FIELD EXPERIENCE	06.0 CR	
	PREREQ 370		
1	TO BE ARRANGED		MCORE VIOLET
	ON SITE RURAL & INNER CITY TRAINING		
481	READINGS	02.0 TC 06.0 CR	
	PREREQ CONSENT OF INSTR AND CHAIRMAN		
	OF DEPARTMENT		
1	TO BE ARRANGED		

485	PRIN-PHIL VO TEC ED	03.0 CR	
	PREREQ STUDENT TEACHING OR CONSENT OF DEPARTMENT		
1	08.30-10.20 MTWTHF TECH A 122		
	%JUNE 28 - JULY 16<		
500	RESEARCH METHODS	04.0 CR	
	PREREQ GUID 505 OR CONSENT OF INSTR		
1	03.30-04.20 MTWTHF H EC 122	FULTS	
507	WORKSHOP	06.0 CR	
1	TO BE ARRANGED		MCORE
	%JUNE 21-JULY 30<-CN SITE TRAINING-6CR		
2	07.30-09.20 MTWTHF H EC 133	FULTS	
	%JULY 19-AUG 13<-WAGE EARNINGS IN HIGH SCHOOL-4CR		
3	07.30-09.20 MTWTHF H EC 133B	CARTER	
	%JUNE 21-JULY 16<-CURRICULUM FOR DISADVANTAGED-4CR		
4	09.30-11.20 MTWTHF H EC 133B		
	%AUG 2-13<-SUPERVISION FOR COOPERATING TEACHERS-2CR		
5	11.30-12.20 MTWTHF H EC 133B	KEENAN	
	JULY 6-30 - CONCEPTS & GENERALIZ-4 CR		
6	01.30-02.20 MTWTHF H EC 133B	EDDLEMAN & CARTER	
	%JULY 19-JULY 30<-INDIVIDUALIZED INSTR 2 CREDITS		
7	01.30-04.20 MTWTHF H EC 133B	FULTS	
	JUN 21-30 - CONSUMER & HOMEMAKING PRG - 2CR		
525	COOP VOC-TECH ED	04.0 CR	
1	10.30-12.20 MTWTHF TECH A 122	KEENAN DOROTHY M	
	%JUNE 28-JULY 16<		
572	SPECIAL PROBLEMS	02.0 TC 05.0 CR	
1	TO BE ARRANGED		
573	SEM-RES IN HOME EC	01.0 TC 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		FULTS ANNA CAROL
599	THESIS	02.0 TC 09.0 CR	
1*	TO BE ARRANGED		FULTS ANNA CAROL
600	DISSERTATION	03.0 TC 16.0 CR	
1*	TO BE ARRANGED		FULTS ANNA CAROL

### Interior Design (ID)

131	INTRO TO DESIGN	03.0 CR	
1	09.30-11.20 M W H EC 302	GREENE NANCY DONAVE	
327	HOME FURNISH & INT	03.0 CR	
	PREREQ 131 OR EQUIV OR CONSENT OF INSTR		
1	07.30-09.20 T TH H EC 302	GREENE NANCY DONAVE	
391C	INTERMEDIATE ID	05.0 CR	
	PREREQ ID 391B		
1	09.30-11.20 T THF H EC 304	GREENE NANCY DONAVE	
396	SPECIAL PROBLEMS	02.0 TC 05.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		
418	WORKSHOP	02.0 TC 08.0 CR	
	PREREQ CONSENT OF CHM		
1	07.30-09.20 MTWTHF H EC 302		
	JULY 19-JULY 30(HOME FURN AND ID		
2	01.30-04.20 MTWTHF H EC 304		
	%JUNE 21-JULY 16<-FURNITURE DES-CONSENT OF CHAIRMAN		
481	READINGS	02.0 TC 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		MORAN

### Industrial Technology (IT)

100	ORIENTATION	00.0 CR	
1	03.30-04.20 TH TECH A 111		

\* 8 week course meets June 22-August 13



300A	PLASTIC PROCESS			04.0	CR	
	PREREQ	GSA 101B				
1	03.30-04.20	M W F	TECH A	208		
	12.30-02.20	TH	TECH D	14B		
307	ANAL PROB IN TECH			05.0	CR	
	PREREQ	MATH 111A, B				
1	10.30-11.20	MTWTHF	TECH A	208		
319	INDUSTRIAL INTERN		03.0 TC	24.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED					
325	METAL REMOVAL PROC			05.0	CR	
	PREREQ	MATH 111A				
1	12.30-01.20	MTW F	TECH A	208		
	08.30-10.20	W	TECH D	14B		
358	MAT HAND&PL LAYCUT			05.0	CR	
	PREREQ	I T 317 & 325				
1	07.30-08.20	MTWTHF	TECH A	422		
365	QUALITY CONTROL			04.0	CR	
	PREREQ	JUNIOR STANDING				
1	09.30-10.20	M WTHF	TECH A	210		BESTERFIELD DALE H
375	PROD&INVENT CONTROL			04.0	CR	
	PREREQ	ENGR 222				
1	08.30-09.20	MT THF	TECH D	131		

### Instructional Materials (I M)

308	INTRO TO CATALOGING			04.0	CR	
1*	01.30-02.20	MTW	PULL	318		DALE
	01.30-03.20	F	PULL	318		
403	SCH LIB FUN MGT			04.0	CR	
1*	07.30-08.20	MTWTHF	PULL	318		FLETCHER
405	LIB MAT FOR CHILD			04.0	CR	
	PREREQ	OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR				
1*	08.30-09.20	MTWTHF	PULL	318		FLETCHER
407	BASIC REF SOURCES			04.0	CR	
1*	09.30-10.20	MTWTHF	PULL	318		CCX
413	CAT OF NON-BOOK MAT			04.0	CR	
	PREREQ	308				
1*	07.30-08.20	MTWTHF	PULL	310		CCX DOROTHY J
417	A-V METH IN EDUC			04.0	CR	
1*	07.30-08.20	MTWTHF	LAWSON	101		EEDIENT
2*	08.30-09.20	MTWTHF	LAWSON	101		BEDIENT
3*	09.30-10.20	MTWTHF	LAWSON	101		PLANING
4*	10.30-11.20	MTWTHF	LAWSON	101		PLANING
5*	11.30-12.20	MTWTHF	LAWSON	101		SPIGLE
6*	12.30-01.20	MTWTHF	LAWSON	101		
7*	01.30-02.20	MTWTHF	LAWSON	101		
8*	02.30-03.20	MTWTHF	LAWSON	101		
440	PHOTOG FOR TEACHERS			04.0	CR	
1*	09.30-10.20	MTWTHF	PULL	310		BUTTS GORDON K
445	PREP TEACH-MADE MAT			04.0	CR	
	PREREQ	417 CR CONSENT OF INSTRUCTOR				
1*	07.30-09.20	MTWTHF	PULL	307		JURGEMEYER
2*	10.30-12.20	MTWTHF	PULL	307		JURGEMEYER
448	ADMIN OF A-V PROG			04.0	CR	
	PREREQ	417 CR CONSENT OF INSTRUCTOR				
1*	11.30-12.20	MTWTHF	PULL	318		INGLI
450	CLASSROOM TV TCHG			04.0	CR	
1	08.30-10.20	MTWTHF	LAWSON	101		PLANING CARL
	12.30-02.20	MTWTHF	LAWSON	101		
	AUG 16-27					
458	MED OF MOTION PICT			04.0	CR	
1*	10.30-11.20	MTWTHF	PULL	318		WENDT
47C	PROGRAM AUTO INST			04.0	CR	
1*	08.30-09.20	MTWTHF	PULL	316		WENDT
506	LIT OF SOC SCIENCES			03.0	CR	
	PREREQ	IM 407				
1*	02.30-03.20	MTWTH	PULL	318		DALE

510	MASS COMM IN EDUC	04.0 CR	
1*	08.30-09.20 MTWTHF PULL 316	SPIGLE	
514	SUR-RES & DEV IN IM	04.0 CR	
	PREREQ 405, 406, 417 CR CONSENT CF INSTRUCTOR		
1*	12.30-01.20 MTWTHF PULL 318	SPIGLE	
546	INTEG A-V MATERIALS	04.0 CR	
	PREREQ 417, CONSENT CF INSTRUCTOR		
1*	09.30-10.20 MTWTHF PULL 316	INGLI DONALD A	
576	PRCB INST MAT	02.0 TC 08.0 CR	
	PREREQ CONSENT CF INSTRUCTOR		
1*	TO BE ARRANGED		
599	THESIS	05.0 TC 09.0 CR	
1*	TO BE ARRANGED		
600	DISSERTATION	01.0 TC 48.0 CR	
1*	TO BE ARRANGED		

### Journalism (JRNL)

300	THE NEWS	03.0 CR	
	PREREQ JRNL 345 346		
1	07.30-08.20 M F 0834 101	STONECIPHER	
	07.30-09.20 W 0834 101		
2	10.30-11.20 M W 0834 101	BROOKS	
	10.30-12.20 TH 0834 101		
301	NEWSWRIT EDIT I	03.0 CR	
	PREREQ JRNL 300		
1	08.30-09.20 T TECH A 420	GRANATO	
2	08.30-09.20 T TECH A 420	GRANATO	
302	NEWSWRIT EDIT II	03.0 CR	
	PREREQ JRNL 300		
1	08.30-09.20 M 0834 101	GRANATO LEONARD A	
	07.30-08.20 T TH 0834 101	GRANATO LEONARD A	
303	NEWS & EDIT III	03.0 CR	
	PREREQ JRNL 301 AND 302		
1	08.30-09.20 TH 0834 101	HARMON	
310	RADIO TV NEWS	03.0 CR	
	PREREQ JRNL 300, 301, 302 & 303		
1	01.30-02.20 M W F TECH A 422	RIMERMAN	
330	EDITORIAL WRITING	03.0 CR	
	PREREQ JRNL 303		
1	09.30-10.20 M W F 0869 101	STONECIPHER HARRY W	
345	HIST OF JOURN	03.0 CR	
1	01.30-02.20 M W F LAWSON 121	HART JIM ALLEE	
346	COMPARATIVE JOURN	03.0 CR	
1	11.30-12.20 M W F LAWSON 201	RUCKER	
370	PRIN OF ADVERTISING	03.0 CR	
1	09.30-10.20 M W F COMM 1020	ROCHE BRUCE	
372	AD COPY LAYOUT PROD	05.0 CR	
	PREREQ JRNL 370, 345, & 346		
1	08.30-09.20 MTWTHF 0869 101	FRIEND DAVID L	
	09.30-10.20 T TH 0869 101	FRIEND DAVID L	
373	ADV MEDIA & MARKETS	03.0 CR	
	PREREQ JRNL 372		
1	12.30-01.20 M W F TECH A 310	ROCHE	
374	ADV POL AND PROBS	03.0 CR	
	PREREQ JRNL 373		
1	06.30-09.20 PM M COMM 2012	LYNN	
376	ADVER CAMPAIGNS	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	01.30-03.20 T TH LS II 430	LYNN JERRY R	
382	NEWSPAPER PRO & CIR	03.0 CR	
	PREREQ SENIOR STANDING		
1	02.30-03.20 M W F TECH A 410	RIMERMAN	
383A	NP PROD MANAGEMENT	03.0 CR	
	PREREQ JRNL 300		
1	09.30-10.20 M WTH 0834 101	CROW	
2	11.30-12.20 M W F 0834 101	BROWN	

3838	NP PROD MANAGEMENT		03.0	CR	
	PREREQ JRNL 383A				
1	10.30-11.20	M W F	0869	101	CROW
2	12.30-01.20	M W F	0869	101	CROW WENDELL C
389	BASIC RES IN JRNL			03.0	CR
	PREREQ SENICR STANDING				
1	01.30-02.20	M W	CCMM	1018	ATWOOD
	01.30-02.20	F	LS II	330	
390	ADVANCED REPORTING			03.0	CR
	PREREQ JRNL 303				
1	11.30-12.20	M W F	0869	101	GROTTA
391	FEATURE WRITING			03.0	CR
	PREREQ JRNL 303				
1	08.30-09.20	T	0834	101	STARCK KENNETH
	08.30-09.20	WTH	NKRS A	160	STARCK KENNETH
393	PUBLICITY METHODS			03.0	CR
1	10.30-11.20	TWTH	LS II	430	STARCK
399	SENIOR SEMINAR			01.0	CR
	PREREQ LAST QTR MAJCRS				
1	11.30-12.20	T	TECH A	408	FRAZER MARY KING
	JRNL 399 LIMITED TO GRADUATING SENICRS				
421	SCHOOL PUBLICATIONS			04.0	CR
1*	12.30-01.20	MTWTHF	CCMM	1018	RICE
432	FOUND MASS CCMM THE			03.0	CR
	PREREQ UNDERGRAD-JRNL 395, GRAD-433A				
	OR CONSENT OF INSTR				
1	10.30-11.20	M W F	NKRS A	160	CHU
442	LAW OF JOURNALISM			03.0	CR
	PREREQ SR STANDING -JRNL MAJCRS ONLY				
1	12.30-01.20	M WTH	CL	326	STONECIPHER
449	PRACTICUM			02.0	TC 08.0 CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				LONG HOWARD RUSK
498	READINGS			01.0	TC 12.0 CR
	PREREQ CONSENT OF INSTR				
1	06.30-09.20 PM	T	COMM	2012	BROWN
532	MASS COMM THEORY			04.0	CR
	PREREQ JRNL 433B CR CONSENT OF INSTR				
1	06.00-09.15 PM	T	WHAM	231	ATWOOD L ERWIN
533	RESEARCH PROB-JRNL			01.0	TC 04.0 CR
1	TO BE ARRANGED				BROWN
590	SEMINAR-JRNL HIST			03.0	CR
	PREREQ JRNL 545 CR CONSENT OF INSTR				
1	06.00-09.00 PM	W	WHAM	212	HART JIM ALLEE
598	READINGS			01.0	TC 12.0 CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				BROWN
599	THESIS			01.0	TC 08.0 CR
1	TO BE ARRANGED				BROWN
600	DISSERTATION			01.0	TC 48.0 CR
1	TO BE ARRANGED				BROWN

# **Linguistics (LING)**

401A	INTRO TO LINGUISTIC			04.0	CR
1	09.30-10.20	M	H EC	120	SILVERSTEIN
	09.30-10.20	T THF	H EC	122	
401B	INTRO TO LINGUISTIC			04.0	CR
1	12.30-01.20	MT THF	0720	118	HILL
402B	PHONETICS			04.0	CR
1	11.30-12.20	MT TH	0720	105	SILVERSTEIN
	11.30-12.20	F	0721	101	
410	UNCOM LANGUAGES			15.0	CR
1	08.30-10.20	MTWTHF	0720	102	NGUYEN
	11.30-12.20	MTWTHF	0720	121	
	01.30-02.20	MTWTHF	0720	101	
	INTENSIVE INTERMEDIATE VIETNAMESE				
430	GRAMMATICAL STRUCT			04.0	CR
	PREREQ LING 401A,B, OR EQUIV				
1	08.30-09.20	MTWTH	0720	101	NGUYEN

540	STUDIES-LINGUISTICS	02.0 TC 08.0 CR		
	PREREQ 401B CR EQUIV CR CONSENT			
1	09.30-11.20	M W	0720	118 CARRELL
580	SPEC PROB OF EFL		04.0 CR	
	PREREQ LING 570, 571, 572, CR 573			
1	09.30-11.20	T TH	0720	118 PARISH

### Management (MGT)

170	INTR TO BUS ADMIN		04.0 CR	
	PREREQ FRESHMEN AND SOPHOMORES ONLY			
1	12.30-01.20	MTWTHF	CL	24 VICARS WILLIAM M
340	BUS-ORG AND MGT		04.0 CR	
	PREREQ GSB 201B AND C, CR EQUIVALENT-JR STANDING CR CONSENT			
1	09.30-10.20	MTWTHF	NKRS B	240
341	ORGANIZ BEHAVIOR I		04.0 CR	
	PREREQ 340, GSD 110 CR EQUIV CR CONSENT OF INSTR			
1	07.30-09.20	M F	CL	24
345	INF SYST-COMP FUND		04.0 CR	
	PREREQ ACCT 261, MGT 340 CR FIN 320 OR MKT 301, CR CONSENT			
1	10.30-12.20	T TH	COMM	1017
361	RESEARCH IN BUS ADM		04.0 CR	
	PREREQ MGT 340, GSD 102, 103, GSD 110 OR EQUIV CR CONSENT			
1	01.30-03.20	M W	CL	109 LIPP DAVID A
380	PRODUCTION MGT		04.0 CR	
	PREREQ MGT 340, 345, MATH 150A OR EQUIV. CR CONSENT			
1	02.30-04.20	T TH	LAWSON	201
385	PERSONNEL MGT		04.0 CR	
	PREREQ MGT 340, GSD 110 CR EQUIVALENT, CR CONSENT OF INSTR			
1	09.30-11.20	M	0862	101 VICARS WILLIAM M
	09.30-11.20	F	0862	102
440	THE MGT PROCESS		04.0 CR	
	PREREQ RESTRICTED TO GRADS WHO HAVE N OT TAKEN 340 OR EQUIV			
1	TO BE ARRANGED			
452	BUS OPERATIONS ANAL		04.0 CR	
	PREREQ MGT 340, 351 OR MATH 150A OR E QUIV			
1	12.30-02.20	T TH	COMM	2012 SANDERS RONALD L
474	MGT RESP IN SOCIETY		04.0 CR	
	PREREQ MGT 340, SR STANDING CR CONSENT OF INSTR			
1	01.30-03.20	M F	CL	24 DEHOFF JOHN ALPHEUS
479	PROBS BUS AND ECON		04.0 CR	
	PREREQ 340, ECON 215, 308 OR 408 OR EQUIV, MKTG 301 OR EQ.			
1	11.30-01.20	T TH	H EC	120 SANDERS
481	ADMINISTRATIVE POL		04.0 CR	
	PREREQ MGT 340, FIN 320, MKTG 301 OR EQUIV, & SR STANDING			
1	07.30-09.20	M F	H EC	106
2	07.30-09.20	T TH	H EC	106
3	10.30-12.20	M W	CL	109
499	SPEC TOPICS IN MGT		01.0 TC 08.0 CR	
	PREREQ 16 HRS IN BUSINESS & CONSENT O F DEPT CHAIRMAN			
1	TO BE ARRANGED			

### Marketing (MKTG)

301	MKTG FUNDAMENTALS		04.0 CR	
	PREREQ ECON 214, ACCT 251A			
1	08.30-09.20	MTWTH	CL	326
2	09.30-10.20	MTWTH	CL	109
3	10.30-11.20	MTWTH	LAWSON	201

\* 8 week course meets June 22-August 13

4	11.30-12.20	MTWTH	WHAM	312
341	TRANSPORTATION		C4.0 CR	
	PREREQ MKTG 301, ECCN 215			
1	08.30-09.20	MT TH	CCMM	1021
	08.30-09.20	W	CCMM	1022
363	PROMOTIONAL CONCEPT		04.0 CR	
	PREREQ MKTG 301			
1	09.30-10.20	MTWTH	CCMM	2012
2	11.30-12.20	M W	LS II	430
	11.30-12.20	T TH	LS II	350
390	MKTG RES & ANAL		04.0 CR	
	PREREQ MKTG 301, CNE CCURSE IN			
	STATISTICS			
1	10.30-11.20	M W	H EC	118
	10.30-11.20	T TH	H EC	106
2	11.30-12.20	M	H EC	118
	11.30-12.20	TWTH	H EC	202
438	SALES MANAGEMENT		04.0 CR	
	PREREQ MKTG 363			
1	08.30-10.20	M W	H EC	102
463	ADVERTISING MANAG		04.0 CR	
	PREREQ MKTG 363, MKTG 390			
1	01.30-03.20	M W	WHAM	201
493	MARKETING POLICIES		04.0 CR	
	PREREQ ACCT 261, MKTG 363, 390, PLUS			
	4HRS IN MKTG, SENIOR			
1	10.30-12.20	M W	CCMM	1021

### Mathematics (MATH)

108	BASIC TRANS MATH		03.0 CR	
	PREREQ GSD 107			
1	07.30-08.20	M WTH	NKRS C	118
2	08.30-09.20	T THF	NKRS C	118
3	01.30-02.20	T THF	NKRS C	218
4	03.30-04.20	MT TH	NKRS C	116
111A	CCL ALGEBRA TRIG		05.0 CR	
	PREREQ GSD 106 CR HS EQUIV			
1	07.30-08.20	MTWTHF	TECH A	208
2	09.30-10.20	MTWTHF	TECH A	208
3	10.30-11.20	MTWTHF	TECH A	308
4	11.30-12.20	MTWTHF	TECH A	208
5	01.30-02.20	MTWTHF	TECH A	322
6	03.30-04.20	MTWTHF	TECH A	308
111B	CCL ALGEBRA TRIG		05.0 CR	
	PREREQ MATH 111A CR MATH 108			
1	07.30-08.20	MTWTHF	TECH A	308
2	08.30-09.20	MTWTHF	TECH A	208
3	11.30-12.20	M	TECH A	320
	11.30-12.20	TWTHF	TECH A	310
4	12.30-01.20	MTWTHF	NKRS A	160
5	02.30-03.20	MTWTHF	TECH A	310
6	03.30-04.20	MTWTHF	TECH A	322
140A	SHORT CRSE-CALCULUS		03.0 CR	
	PREREQ MATH 111A			
1	10.30-11.20	MT TH	TECH A	210
2	01.30-02.20	MT TH	NKRS A	160
140B	SHORT CRSE CALCULUS		03.0 CR	
	PREREQ MATH 140A			
1	08.30-09.20	MT TH	NKRS A	156
2	01.30-02.20	TW F	NKRS A	156
150A	ELEM CALC-ANAL GEOM		05.0 CR	
	PREREQ MATH 111B			
1	07.30-08.20	MTWTHF	TECH A	310
2	10.30-11.20	MTWTHF	TECH A	422
3	12.30-01.20	MTWTHF	TECH A	322
4	02.30-04.20	MTWTHF	NKRS A	258

SECT 4 - JUNE 21-JULY 27



150B	ELEM CALC-ANAL GEOM		05.0 CR
	PREREQ MATH 150A		
1	08.30-09.20	MTWTHF	TECH A 320
2	01.30-02.20	MTWTHF	TECH A 310
3	02.30-04.20	MTWTHF	NKRS A 258
	SECT 3 - JULY 28-SEPT 3		
252A	INTER CALC-ANAL GEC		05.0 CR
	PREREQ MATH 150B CR 159B		
1	09.30-10.20	MTWTHF	TECH A 310
252B	INTER CALC-ANAL GEC		04.0 CR
	PREREQ MATH 252A		
1	10.30-11.20	M WTHF	TECH A 322
301	FUNDAMENTAL CONCEPT		03.0 CR
	PREREQ MATH 150B		
1	12.30-01.20	M W F	NKRS A 358
305A	MATH PHYS SCIENCES		03.0 CR
	PREREQ MATH 252B		
1	08.30-09.20	M WTHF	TECH A 322
	07.30-09.20	T	TECH A 322
	JUNE 21-JULY 27		
305B	MATH PHYS SCIENCES		03.0 CR
	PREREQ MATH 305A		
1	08.30-09.20	M WTHF	TECH A 322
	07.30-09.20	T	TECH A 322
	JULY 28-SEPT 3		
310	TEACHING ELEM MATH		04.0 CR
	PREREQ GSD 107		
1*	07.30-08.20	MTWTHF	NKRS A 156
2	09.30-10.20	M WTHF	NKRS A 156
3*	10.30-11.20	M W	NKRS C 218
	10.30-11.20	T TH	TECH A 310
	10.30-11.20	F	TECH A 410
4*	11.30-12.20	MTWTHF	TECH A 210
5	01.30-02.20	MTWTH	TECH A 210
6*	02.30-03.20	MTWTHF	NKRS A 156
319	INTR-ABSTRACT ALG		03.0 CR
	PREREQ MATH 301 CR CONSENT OF DEPT		
1	02.30-03.20	M W F	TECH A 210
321	ELEM MATRIX ALGEBRA		03.0 CR
	PREREQ MATH 150A CR 140B		
1	11.30-12.20	M	NKRS C 118
	11.30-12.20	W F	TECH A 308
335A	CONCEPTS OF GEOM		03.0 CR
	PREREQ MATH 252A, 301 CR CONSENT OF INSTR		
1	09.30-10.20	M WTHF	TECH A 308
	09.30-11.20	T	NKRS C 116
	JUNE 21-JULY 27		
335B	CONCEPTS OF GEOM		03.0 CR
	PREREQ MATH 335A		
1	09.30-10.20	M WTHF	TECH A 308
	09.30-11.20	T	NKRS C 116
	JULY 28-SEPT 3		
421A	LINEAR ALGEBRA		03.0 CR
	PREREQ MATH 252B, 301 CR CONSENT OF DEPT		
1*	11.30-12.20	M WTHF	NKRS A 358
425	THEORY OF NUMBERS		03.0 CR
	PREREQ MATH 325 CR CONSENT OF INSTR		
1	02.30-03.20	M W F	NKRS A 358
428A	BOOL ALG-SWI THEORY		03.0 CR
	PREREQ 301 CR CONSENT OF INSTR		
1	11.30-01.20	T	TECH A 410
	12.30-01.20	M WTHF	TECH A 410
	JUNE 21-JULY 27		

428B BOCL ALG-SWI THEORY 03.0 CR  
 PREREQ MATH 428A  
 1 11.30-01.20 T TECH A 410  
 12.30-01.20 M WTHF TECH A 410  
 JULY 28-SEPT 3

430 PROJECTIVE GEOMETRY 04.0 CR  
 PREREQ 252A, 301 CR CONSENT OF INSTR  
 1\* 08.30-09.20 MTWTHF NKRS A 358

433A INTRO TO TOPOLOGY 03.0 CR  
 PREREQ MATH 301 CR CONSENT OF DEPT  
 1 01.30-02.20 M WTHF NKRS A 358  
 01.30-03.20 T NKRS A 358  
 JUNE 21-JULY 27

433B INTRO TO TOPOLOGY 03.0 CR  
 PREREQ MATH 433A  
 1 01.30-02.20 M WTHF NKRS A 358  
 01.30-03.20 T NKRS A 358  
 JULY 28-SEPT 3

455A ADV MATH-PHYS SCI 03.0 CR  
 PREREQ MATH 305B CR CONSENT OF INSTR  
 1\* 09.30-10.20 M WTHF NKRS A 358

480A PROBABILITY 03.0 CR  
 PREREQ MATH 252B  
 1 09.30-11.20 T NKRS A 358  
 10.30-11.20 M WTHF NKRS A 358  
 JUNE 21-JULY 27

480B PROBABILITY 03.0 CR  
 PREREQ MATH 480A  
 1 09.30-11.20 T NKRS A 358  
 10.30-11.20 M WTHF NKRS A 358  
 JULY 28-SEPT 3

543 PRCB FOR TEACHERS 04.0 CR  
 PREREQ CONSENT OF DEPT CR INSTITUTE  
 DIRECTOR  
 1\* 09.30-10.20 MTWTHF TECH A 320

NATIONAL SCIENCE FOUNDATION STDS ONLY

548 TRENDS IN SCHL MATH 04.0 CR  
 PREREQ CONSENT OF DEPT  
 1\* 01.30-02.20 MTWTHF WHAM 328

NATIONAL SCIENCE FOUNDATION STDS ONLY

550A SEMINAR IN ALGEBRA 03.0 CR  
 PREREQ CONSENT OF INSTR  
 1 09.30-10.20 M W F NKRS A 458

550C SEMINAR IN ANALYSIS 03.0 CR  
 PREREQ CONSENT OF INSTR  
 1 12.30-01.20 M W F NKRS A 258

550D SEM IN PROB & STAT 03.0 CR  
 PREREQ CONSENT OF INSTR  
 1\* 11.30-12.20 M WTHF NKRS A 160

550G SEMINAR-TOPOLOGY 03.0 CR  
 PREREQ CONSENT OF INSTR  
 1\* 02.30-03.20 M WTHF NKRS A 278

592 RESEARCH-MATH EDUC 02.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1\* 02.30-03.20 T TH WHAM 321

595A SP PROJ ALGEBRA 01.0 TC 10.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED

595B SP PROJ GEOMETRY 01.0 TC 10.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED

595C SP PROJ ANALYSIS 01.0 TC 10.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED

595D SP PROJ PROB & STAT 01.0 TC 10.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED

ARTEMIADIS NICOLAS

595E	SP PROJ MATH EDUC	01.0 TC 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595F	SP PROJ LOGIC & FOU	01.0 TC 10.0 CR
	PREREQ CONSENT CF INSTR	
1	TO BE ARRANGED	
595G	SP PROJ TOPOLOGY	01.0 TC 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595H	SP PROJ AP MATH	01.0 TC 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595I	SP PROJ DIF EQUAT	01.0 TC 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595J	SP PROJ NUMBER THEO	01.0 TC 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
599	THESIS	01.0 TC 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	01.0 TC 48.0 CR
1	TO BE ARRANGED	

### Microbiology (MICR)

39C	UNDERGRAD RES PART	02.0 TC 05.0 CR
	PREREQ 4.00 GPA IN MICR AND CONSENT OF DEPARTMENT	
1	TO BE ARRANGED	
511	RESEARCH	01.0 TC 15.0 CR
1	TO BE ARRANGED	
528	READINGS IN MICRO	01.0 TO 10.0 CR
1	TO BE ARRANGED	
599	THESIS	03.0 TC 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	03.0 TC 48.0 CR
1	TO BE ARRANGED	
JUNE 28-JULY 3		

### Music (MUS)

001B	SYMPHONIC BAND	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1*	03.30-05.00 M W	ALTG 114	SIENER & KOENIGSTEIN
001C	STAGE BAND	01.0 CR	
	PREREQ AUDITION		
1*	03.30-05.00 T TH	ALTG 114	STIMAN HAROLD E
002A	UNIVERSITY CHOIR	01.0 CR	
	PREREQ AUDITION		
1*	03.30-05.00 M W F	ALTG 115	KINGSBURY ROBERT W
002C	MALE GLEE CLUB	01.0 CR	
	PREREQ AUDITION		
1*	03.30-05.00 T TH	ALTG 115	KINGSBURY ROBERT W
003A	UNIVERSITY ORCHESTR	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1*	07.00-09.45 PM T	ALTG 114	STROUD JAMES H
	03.30-05.00 F	ALTG 114	
010A	CLASS APP-STRINGS	01.0 CR	
	PREREQ CONC, SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CONS INST		
1*	10.30-11.20 M W F	ALTG 114	STRAWN
010B	CLASS APP-WOODWINDS	01.0 CR	
	PREREQ CONC, SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CONS INST		
1*	09.30-10.20 M W F	ALTG 114	INTRAVAIA
010C	CLASS APP-BRASS	01.0 CR	
	PREREQ CONC,SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CONS INST		
1*	11.30-12.20 M W F	ALTG 114	LEMASTERS DONALD D

\* 8 week course meets June 22-August 13

010E	CLASS APP-PIANO	01.0 CR	
	PREREQ CONC, SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CCNS INST		
1*	10.30-11.20 M W F 0555	201	FACE
KP 1			
2*	11.30-12.20 M W F 0555	201	FACE
KP 2			
3*	01.30-02.20 M W F 0555	201	PACE
MM 1			
4*	02.30-03.20 M W F 0555	201	PACE
MM 3			
010F	CLASS APP-VOICE	01.0 CR	
	PREREQ CONC, SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CCNS INST		
1*	09.30-10.20 M W F ALTG	115	KAGEFF BURT KEITH
010G	CLASS APP-GUITAR	01.0 CR	
	PREREQ CONC, SEC CCNC MUS,ELED,EARLY CHILDHOOD,OR CCNS INST		
1*	08.30-09.20 M W F ALTG	301	
2*	09.30-10.20 M W F ALTG	301	
105C	THEORY OF MUSIC	04.0 CR	
	PREREQ MUS 105B		
1*	08.30-09.20 M W F ALTG	106	HUSSEY
	08.30-10.20 T TH ALTG	106	
140A	PRIV APP MUS-VIOLIN	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		PCULOS HELEN E
2	TO BE ARRANGED		STRAWN RICHARD G
140B	PRIV APP MUS-VIOLA	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		BARRUS
140C	PRIV APP MUS-CELLO	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		STROUD JAMES H
140D	PRIV APP MUS - BASS	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		BRANCH LONDON G
140E	PRIV APP MUS-FLUTE	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		ROSE
140F	PRIV APP MUS-OBOE	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		HUSSEY GEORGE A
140G	PRIV APP MUS-CLAR	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		ROSE
140H	PRIV APP MUS-BASSON	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		INTRAVATA LAWRENCE
140I	PRIV APP MUS-SAX	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		ROSE
140J	PRIV APP MUS-PERCUS	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		HANES MICHAEL D
140K	PRIV APP MUS-PIANO	01.0 TC 04.0 CR	
	PREREQ MUS CCNC OR SECONDARY CCNC OR CONSENT OF MUS FACULTY		
1	TO BE ARRANGED		MUELLER

2	TO BE ARRANGED				BARWICK
3	TO BE ARRANGED				WERNER
140L	PRIV APP MUS-F HCRN	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				NADAF
140M	PRIV APP MUS-TRUMP	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				LEMASTERS DONALD D
140N	PRIV APP MUS-TRBONE	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				STIMAN
140O	PRIV APP MUS-TUBA	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				STIMAN
140P	PRIV APP MUS-BATONE	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				STIMAN
140Q	PRIV APP MUS-VOICE	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				KAGEFF BURT KEITH
2	TO BE ARRANGED				WALLACE
140R	PRIV APP MUS-ORGAN	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				WEBB
140S	PRIV APP MUS-HARPCH	01.0 TC 04.0 CR			
	PREREQ MUS CCNC OR SECCNDARY CCNC OR				
	CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				CLDFIELD
200	FUNDAMENTALS-MUSIC	03.0 CR			
1*	01.30-02.20	M W F	ALTG	248	TAYLOR CHARLES C
	01.30-02.20	T	0555	201	
2*	01.30-02.20	M W F	ALTG	106	TAYLOR CHARLES C
	01.30-02.20	TH	0555	201	
3*	02.30-03.20	M W F	ALTG	248	POULOS
	02.30-03.20	T	0555	201	
4*	02.30-03.20	M W F	ALTG	248	POULOS
	02.30-03.20	TH	0555	201	
240	PRIV APP MUS	01.0 TC 04.0 CR			
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON				
	SAME INSTR OR CONSENT				
	See MUS 140 for listing.				
300B	EL METH-NON MAJ 4-6	03.0 CR			
	PREREQ MUS 200-3 OR EQUIV				
1*	11.30-12.20	MT THF	ALTG	248	MCHUGH CATHERINE
300C	EL METH-NON MAJ K-3	03.0 CR			
	PREREQ MUS 010E-3 OR EQUIV				
1*	10.30-11.20	MT THF	ALTG	248	MCHUGH CATHERINE
305I	INSTRUMENTAL PROB	03.0 CR			
1*	12.30-01.20	MT THF	ALTG	106	LEMASTERS
309A	ARRANGING	02.0 CR			
	PREREQ 105C				
1*	10.30-11.20	M W F	ALTG	116	KENIGSTEIN NICHOLAS
312A	COMPOSITION	02.0 CR			
	PREREQ 205C				
1*	TO BE ARRANGED				CLDFIELD WILLARD A
318A	CONDUCTING	02.0 CR			
1*	08.30-09.20	M W F	ALTG	116	KENIGSTEIN
326A	ANALYSIS	02.0 CR			
	PREREQ 205C				
1*	11.30-12.20	M W F	ALTG	116	BARRUS

\* 8 week course meets June 22-August 13



340 PRIV APP MUS 01.0 TO 04.0 CR  
 PREREQ 3 QTRS AT PREVIOUS LEVEL ON  
 SAME INSTR OR CONSENT  
 See MUS 140 for listing.

346 OPERA WORKSHOP 02.0 TC 36.0 CR  
 1 TO BE ARRANGED LAWRENCE MARJORIE  
 COURSE MEETS IN ARKANSAS JUNE 21-JULY  
 30

347 MUSIC THEATRE WKSHP 02.0 TC 36.0 CR  
 1 08.30-12.20 MTWTHF AG 102 TAYLOR & HANES  
 07.00-10.00 PM MTWTHF AG 102 TAYLOR

357C MUSIC HIST & LIT 03.0 CR  
 PREREQ MUS 105C OR CONSENT OF INSTRU  
 TOR

1\* 09.30-10.20 MTWTHF ALTG 116 EDDINS

365B CHAMBER MUS-STRING 01.0 CR  
 1 TO BE ARRANGED STRAWN RICHARD G

365C CHAMBER MUS-WOODWIND 01.0 CR  
 1 TO BE ARRANGED ROSE

365D CHAMBER MUS-BRASS 01.0 CR  
 1 TO BE ARRANGED NADAF

405 SEM-INSTRUM MUS ED 03.0 CR  
 PREREQ MUS 3051

1\* 01.30-03.20 T TH ALTG 248 INTRAVAIA

431 DEV HS STAGE BAND 02.0 CR  
 PREREQ 43C

1\* TO BE ARRANGED STIMAN

440 PRIV APP MUS 01.0 TC 04.0 CR  
 PREREQ 3 QTRS AT PREVIOUS LEVEL ON  
 SAME INSTR OR CONSENT  
 See MUS 140 for listing.

444A INTERMEDIATE COMP 02.0 CR  
 PREREQ 312C AND CONSENT OF DEPARTMENT

1 TO BE ARRANGED OLDFIELD WILLARD A

451 TEACH GEN CLASS MUS 03.0 CR  
 1\* 02.30-03.20 MT THF ALTG 115 TAYLOR CHARLES C

453 CHORAL MAT & TECH 03.0 CR  
 PREREQ CONSENT OF INSTR

1 07.30-11.20 MTWTHFS H EC 140B KAGEFF  
 12.30-04.20 MTWTHFS H EC 140B

JUNE 13-21

455 WKSHP-EL MUSIC ED 03.0 CR  
 1 08.30-10.15 MTWTHFS H EC 140B MCHUGH  
 03.30-05.20 MTWTHFS H EC 140B  
 07.00-10.00 PM MTWTHFS H EC 140B

JUNE 21-26

460 TEACHING MUS APPREC 03.0 CR  
 1\* 10.30-12.20 T TH ALTG 106 FLOYD

468 MUSIC PRODUCTIONS 02.0 TC 12.0 CR  
 1 TO BE ARRANGED LAWRENCE MARJORIE  
 COURSE MEETS IN ARKANSAS JUNE 21-JULY 30

2 TO BE ARRANGED TAYLOR WILLIAM KLEI

481 READINGS IN THEORY 02.0 TC 06.0 CR  
 1 TO BE ARRANGED MUELLER

482 READ IN HIST & LIT 02.0 TO 06.0 CR  
 1 TO BE ARRANGED BARWICK

483 READ IN MUS EDUC 02.0 TC 06.0 CR  
 1 TO BE ARRANGED MCHUGH  
 2 08.30-10.15 MTWTHFS H EC 140B  
 03.30-05.30 MTWTHFS H EC 140B  
 07.00-09.00 PM MTWTHFS H EC 140B

JUNE 28-JULY 3

499 INDEPENDENT STUDY 01.0 TC 12.0 CR  
 PREREQ CONSENT OF INSTRUCTOR

1 TO BE ARRANGED B GORDON RODERICK D  
 2 08.30-10.20 MTWTHFS 0555 203 BOTTJE WILL G  
 03.30-05.30 MTWTHFS 0555 203 OLDFIELD WILLARD A

	07.00-09.00 PM	MTWTHFS	0555	203	
	JUNE 21-26				
3	08.30-10.15	MTWTHFS	0555	203	BOTTJE & CLDFIELD
	03.30-05.30	MTWTHFS	0555	203	
	07.00-09.00 PM	MTWTHFS	0555	203	
501	INT GRAD ST IN MUS			03.0 CR	
1*	01.30-03.20	M W	LIB	217	BARWICK
502C	ANALYTIC TECHNIQUES			02.0 CR	
	PREREQ MUS 502B				
1*	12.30-01.20	M W F	ALTG	248	WERNER
503	MUSIC ED RESEARCH			03.0 CR	
1*	10.30-12.20	M W	ALTG	106	GORDON RODERICK D
531	ADV COMPOSITION		02.0 TC 09.0 CR		
	PREREQ 312C, 342C, AND CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				BOTTJE WILL G
535	CONTEMPORARY IDIOMS			03.0 CR	
1*	10.30-12.20	T TH	ALTG	248	MUELLER
540	PRIV APP MUS		01.0 TC 04.0 CR		
	PREREQ 3 QTRS AT PREVIOUS LEVEL CN SAME INSTR CR CONSENT				
See MUS 140 for listing.					
550	ADMIN & SUPERVISION			03.0 CR	
1*	01.30-03.20	T TH	ALTG	106	HOUSE
556	ADV CONDUCTING		02.0 TC 06.0 CR		
1	TO BE ARRANGED				SIENER MELVIN L
2	TO BE ARRANGED				KINGSBURY ROBERT W
3	TO BE ARRANGED				STROUD JAMES H
566	INST ENSEMBLE		01.0 TC 12.0 CR		
1	TO BE ARRANGED				SIENER & KOENIGSTEIN
2	TO BE ARRANGED				STROUD
567	VOCAL ENSEMBLE		01.0 TC 12.0 CR		
1	TO BE ARRANGED				KINGSBURY ROBERT W
568	CPERA WORKSHOP		02.0 TO 12.0 CR		
1	TO BE ARRANGED				LAWRENCE MARJORIE
	COURSE MEETS IN ARKANSAS JUNE 21-JULY 30				
2	TO BE ARRANGED				TAYLOR & HANES
598	GRADUATE RECITAL			06.0 CR	
1	TO BE ARRANGED				GORDON RODERICK D
599	THESIS		03.0 TC 09.0 CR		
1	TO BE ARRANGED				GORDON RODERICK D

## Philosophy (PHIL)

320	DEDUCTIVE LOGIC			04.0 CR	
1	01.30-02.20	MTWTH	H EC	208	CLARKE
340	ETHICAL THEORIES			04.0 CR	
1	10.30-11.20	MTWTH	H EC	203	MCWIE JOHN
345	BLACK SOCIAL PHIL			03.0 CR	
	PREREQ JR STANDING OR PERMISSION OF DEPT				
1	02.30-03.20	M W F	H EC	208	ALLEN DOUGLAS M
490	SPECIAL PROBLEMS		02.0 TC 12.0 CR		
	PREREQ CONSENT OF INST REQ IN ALL CASES				
1	TO BE ARRANGED				MOORE WILLIS
500	METAPHYSICS			04.0 CR	
1	02.30-05.00	T	H EC	211	FLOCHMANN & HOWIE
510	INDIAN PHILOSOPHY			04.0 CR	
1	02.30-05.00	TH	H EC	211	ALLEN
530	THEORY OF KNOWLEDGE			04.0 CR	
1	02.30-05.00	W	H EC	211	AUDI
590	GEN GRAD SEMINAR		02.0 TO 16.0 CR		
1	TO BE ARRANGED				MOORE WILLIS
591	READINGS IN PHIL		01.0 TC 05.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				MOORE WILLIS
599	THESIS		02.0 TC 09.0 CR		
1	TO BE ARRANGED				MOORE WILLIS

\* 8 week course meets June 22-August 13

**Physical Education for Men (PEM)**

100A	M	TEACH SWIMMING		02.0 CR	
1		09.30-10.20	M WTH	PULL P 111	ESSICK
100B	M	TEACH GOLF		01.0 CR	
1		08.30-09.20	T TH	ARENA 555	FCLDER
100C	M	TEACH TENNIS		01.0 CR	
1		12.30-01.20	T TH	ARENA 555	
100F	M	TEACH EXERCISE		02.0 CR	
1		01.30-02.20	M WTH	ARENA 555	
100H	M	TEACH BASKETBALL		02.0 CR	
1		10.30-11.20	MTWTH	ARENA 123	IUBELT GEORGE
100J	M	TEACH TRACK-FIELD		02.0 CR	
1		11.30-12.20	MTWTH	ARENA 555	HARTZOG
100K	M	TEACH GYMNASTICS		02.0 CR	
1		07.30-08.20	MTWTH	ARENA 555	MEADE
101		CRIENT-PRACT P E		02.0 CR	
1		07.30-08.20	T TH	ARENA 123	MARTIN MORRIS GLENN
303A		KINESIOLOGY		03.0 CR	
1		PREREQ GSA 101A, PHSL 300, GSA 301			
1		07.30-08.20	MTWTHF	LAWSON 121	
315		SCUBA DIVING		02.0 CR	
1		PREREQ GSE 101B	CR CONSENT CF INSTR		
1		11.30-12.20	M W	PULL P 11	
1		11.30-12.20	TH	TECH A 410	
320		PHSL MUSCULAR ACT		04.0 CR	
1		PREREQ GSA 301			
1		10.30-11.20	MTWTH	ARENA 125	
341		PRIN OF P E		03.0 CR	
1		PREREQ SENICR STANDING			
1		08.30-09.20	M WTH	GYM 203	
350	M-M	TEACH PE EL SCH		03.0 CR	
1		11.30-12.20	MTWTH	ARENA 125	
355		ASSISTING TECH		02.0 CR	
1		08.30-09.20	F	ARENA 119	
		ADDITIONAL MEETINGS TBA			
370		TESTS MEAS PHY ED		04.0 CR	
1		09.30-10.20	MTWTH	ARENA 123	
400		EVALUATION IN P E		04.0 CR	
1*		07.30-08.20	MTWTHF	GYM 204	
404		TEACHING OF SPORTS		02.0 TO 04.0 CR	
1		01.00-05.00	MTWTHF	ARENA 123	WILKINSON & LAMBERT
2		01.00-05.00	MTWTHF	ARENA 555	WILKINSON & LONG
		%JUNE 21-JUNE 25<-BASKETBALL			
		%JUNE 28-JULY 3<-WRESTLING			
407		ADV TH&TECH-ATH INJ		02.0 TO 04.0 CR	
1		12.30-01.20	MTWTHF	ARENA 125	SPACKMAN
		%JULY 5-JULY 30<			
410		BEH FOUND OF CCACH		04.0 CR	
		PREREQ GUID 305 OR EQUIV, CONSENT OF INSTR			
1*		11.30-12.20	MTWTHF	ARENA 121	WILKINSON
475A		IND RES-DANCE		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			GRAY WINSTON G
475B		IND RES-KINESIOLOGY		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			GOOD LARRY
475C		IND RES-MEASUREMENT		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			WEST CHARLOTTE
475D		IND RES-MOTOR DEVEL		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			ZIMMERMAN HELEN
475E		IND RES-PHSL OF EX		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			KNOWLTON RONALD G
475F		IND RES-HIST & PHIL		02.0 TO 04.0 CR	
1*		TO BE ARRANGED			SHEA EDWARD J
500		TECH RESEARCH		04.0 CR	
1*		08.30-09.20	MTWTHF	ARENA 123	

503	SEMINAR IN P E			04.0 CR	
1*	09.30-10.20	MTWTHF	ARENA	125	SHEA EDWARD J
504	RESEARCH PROJECTS			04.0 CR	
	PREREQ 500				
1*	TO BE ARRANGED				
508	ADMIN INTER ATHLETIC			03.0 CR	
1	01.30-03.20	MTWTHF	ARENA	123	
	%JULY 5-JULY 23<				
511	ANLY HUM PHYS MCVE			04.0 CR	
	PREREQ PEM 303				
1*	10.30-11.20	MTWTHF	GYM	203	
525	READING IN P E		01.0 TC	06.0 CR	
1*	TO BE ARRANGED				SHEA EDWARD J
599	THESIS		01.0 TC	09.0 CR	
1*	TO BE ARRANGED				
600	DISSERTATION		02.0 TC	48.0 CR	
1*	TO BE ARRANGED				SHEA EDWARD J

### Physical Education for Women (PEW)

303	KINESIOLOGY			05.0 CR	
	PREREQ ANATCMY				
1	10.30-11.20	MTWTHF	GYM	204	THORPE
304E	TECH-TEACH SPORTS			02.0 CR	
	PREREQ PEW 228 OR EQUIV				
1	07.30-09.20	T TH	GYM	207	COTTEN
319	TCHG ELEM SCH ACT			04.0 CR	
	PREREQ PSYC 301 CR GUID 305				
1	08.30-09.20	MTWTH	GYM	208	ZIMMERMAN
2	09.30-10.20	MTWTH	GYM	208	ZIMMERMAN
3	10.30-11.20	MTWTH	GYM	207	CCOPER
4	12.30-01.20	MTWTH	GYM	208	STEHR
5	01.30-02.20	MTWTH	GYM	208	ZIMMERMAN
351	REC FOR ATYPICAL			04.0 CR	
1	12.30-01.20	MT THF	GYM	204	COTTON SARAH
352	HISTORY OF PHYS ED			02.0 CR	
1	09.30-10.20	MTWTH	GYM	204	DAVIES DOROTHY
	FIRST SIX WEEKS ONLY				
354	PRIN CF PHYS ED			02.0 CR	
1	09.30-10.20	MTWTH	GYM	204	DAVIES DOROTHY
	LAST SIX WEEKS ONLY				
355	TECH OF TEACH SWIM			03.0 CR	
	PREREQ PEW 211 OR EQUIV				
1	07.30-08.20	M W F	PULL P	11	CCOPER
400	EVALUATION IN PE			04.0 CR	
1*	07.30-08.20	MTWTHF	GYM	204	WEST CHARLOTTE
407	ADV TH&TECH-ATH INJ		02.0 TC	04.0 CR	
1*	01.30-03.20	MTWTHF	ARENA	125	SPACKMAN ROBERT R JR
410	BEH FOUND OF COACH			04.0 CR	
	PREREQ GUID 305 OR EQUIV, CONSENT CF INSTR				
1*	01.30-02.20	MTWTHF	GYM	204	WILKINSON JAMES
444	CONTEMP DANCE WKSH		02.0 TC	08.0 CR	
1*	01.00-05.00	MTWTHF	0813	101	GRAY WINSTON G
475A	IND RES-DANCE		02.0 TC	04.0 CR	
1	TO BE ARRANGED				GRAY WINSTON G
475B	IND RES-KINESIOLOGY		02.0 TC	04.0 CR	
1	TO BE ARRANGED				GOOD LARRY
475E	IND RES-PHSL OF EX		02.0 TC	04.0 CR	
1	TO BE ARRANGED				KNOWLTON RONALD G
475F	IND RES-HIST & PHIL		02.0 TC	04.0 CR	
1	TO BE ARRANGED				SHEA EDWARD J
500	TECH OF RESEARCH			04.0 CR	
	PREREQ PEW 400 CR CCNCURRENT ENRN				
	PEW 400				
1*	08.30-09.20	MTWTHF	ARENA	123	KNOWLTON RONALD
503	SEMINAR IN P E			04.0 CR	
1*	09.30-10.20	MTWTHF	ARENA	125	SHEA EDWARD J

\* 8 week course meets June 22-August 13



504	RESEARCH PROJECTS	04.0 CR	
	PREREQ 500 CR EQUIV		
1*	TO BE ARRANGED		THORPE JOANNE LEE
508	ADMIN INTER ATHLETIC	03.0 CR	
1	C1.30-C3.30 MTWTHF ARENA 123		WILKINSON JAMES J
	JULY 5-JULY 23		
511	ANLY HUM PHYS MCVE	04.0 CR	
	PREREQ PEW 303		
1	1C.30-11.20 MTWTHF GYM 203		GOOD LARRY
525	READINGS	C1.C TC 06.0 CR	
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN		
1*	TO BE ARRANGED		
599	THESIS	01.0 TC 09.0 CR	
1	TO BE ARRANGED		THORPE JOANNE LEE
600	DISSERTATION	02.0 TC 48.0 CR	
1	TO BE ARRANGED		THORPE JOANNE LEE

### Physics (PHYS)

206A	COLLEGE PHYSICS	03.0 CR	
	PREREQ MATH 111B		
1	08.30-09.20 M WTHF PARK 308		WALKER RONALD
2	08.30-09.20 M WTHF PARK 308		WALKER RONALD
206B	COLLEGE PHYSICS	03.0 CR	
	PREREQ PHYS 206A CR 206C		
1	10.30-11.20 M W F PARK 308		SULLIVAN JOHN J
	08.30-09.20 TH PARK 309		
2	10.30-11.20 M W F PARK 308		SULLIVAN JOHN J
	08.30-09.20 T PARK 309		
207A	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 206		
1	08.30-09.20 T PHY SC 403		DAMIRI IBRAHIM A
2	12.30-03.20 TH PHY SC 403		DAMIRI IBRAHIM A
207B	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 206		
1	12.30-03.20 T PHY SC 405		CHANDRASEKHAR H S
2	12.30-03.20 TH PHY SC 405		
211A	UNIVERSITY PHYSICS	03.0 CR	
	PREREQ MATH 150B CR CONC ENROLLMENT		
1	09.30-10.20 M W F PARK 308		BCSE SUBIR K
	09.30-10.20 TH PARK 308		BENSON BRENT W
2	09.30-10.20 M W F PARK 308		BCSE SUBIR K
	09.30-10.20 T PARK 308		BENSON BRENT W
211C	UNIVERSITY PHYSICS	03.0 CR	
	PREREQ PHYS 211A		
1	11.30-12.20 M W F PARK 308		BCSE SUBIR K
	11.30-12.20 TH PARK 308		SULLIVAN JOHN J
2	11.30-12.20 M W F PARK 308		BCSE SUBIR K
	11.30-12.20 T PARK 308		SULLIVAN
212A	UNIVERSITY PHYS-LAB	01.0 CR	
	PREREQ CONCURRENT ENRL IN PHYS 211		
1	08.30-11.20 TH PHY SC 403		
2	12.30-03.20 T PHY SC 403		
212C	UNIVERSITY PHYS-LAB	01.0 CR	
	PREREQ CONCURRENT ENRL IN PHYS 211		
1	08.30-11.20 T PHY SC 407		
2	12.30-03.20 TH PHY SC 407		
300	INTRO MODERN PHYS	04.0 CR	
	PREREQ PHYS 111 CR 206 OR 211		
1	09.30-10.20 MT NKRS C 410		SAPOROSCHENKO MYKO
	10.30-11.20 T NKRS C 410		KANELLOPOULOS C D
	01.30-03.20 W PHY SC 404		KANELLOPOULOS C D
2	09.30-10.20 MT F NKRS C 410		SAPOROSCHENKO MYKO
	10.30-11.20 T NKRS C 410		KANELLOPOULOS C D
	01.30-03.20 TH PHY SC 404		KANELLOPOULOS C D
301	MECHANICS	03.0 CR	
	PREREQ MATH 305A CR CONS INSTR & PHYS 111A OR 206A OR 211A		
1	11.30-12.20 M W F NKRS A 278		



302 ASTRONOMY - HONORS 03.0 CR  
 PREREQ MATH 150B & ONE-1101A, PHYS 111  
 A, 206A, 211A, CR CONSEN

1 10.30-11.20 M W F NKRS C 410

305A INTRO ELEC THEORY 03.0 CR  
 PREREQ MATH 305A CR CCNS INSTR & PHYS  
 111 CR 206 OR 211

1 11.30-12.20 M W NKRS A 258  
 11.30-12.20 F NKRS C 118

309 ELECTRIC CIRCUITS 03.0 CR  
 PREREQ PHYS 111C CR 206C CR 211C

1 08.30-09.20 M W F NKRS A 258 ZITTER ROBERT N

310 LIGHT 03.0 CR  
 PREREQ PHYS 111B CR 206B CR 211B

1 08.30-09.20 M W F NKRS C 410

311 OPTICS LAB 01.0 CR  
 PREREQ PHYS 310 CR CONCURRENT ENR IN  
 PHYS 310

1 08.30-11.20 TH PHY SC 404

312 ELEC CIRC LAB 02.0 CR  
 PREREQ PHYS 309 CR CCNC ENROLLMENT

1 08.30-11.20 T TH PHY SC 406

401 MECHANICS II 03.0 CR  
 PREREQ PHYS 301, MATH 455C CR CONSENT  
 OF INSTR

1 02.30-03.20 M W F NKRS C 410 CARRELL JOHN CRAIG

404A PHYSICAL ELECTRONIC 03.0 CR  
 PREREQ PHYS 304, 305, AND 401 CR  
 CONSENT OF INSTR

1 09.30-10.20 M W F NKRS C 116

405 ELECTRONICS 03.0 CR  
 PREREQ PHYS 305 AND 309 CR CONSENT OF  
 INSTR

1 09.30-10.20 M W F NKRS C 118

410B INTRO TO EM WAVE TH 03.0 CR  
 PREREQ PHYS 410A

1 12.30-01.20 M W F NKRS A 458

415A MODERN PHYSICS 03.0 CR  
 PREREQ MATH 455C, PHYS 301 & 305B, OR  
 CONSENT OF INSTR

1 11.30-12.20 M W F NKRS A 458 SCHLECHT RICHARD G

415C MODERN PHYSICS 03.0 CR  
 PREREQ PHYS 415B

1 11.30-12.20 M W F NKRS C 116

510C CLASSICAL MECHANICS 03.0 CR  
 PREREQ PHYS 510B

1 11.30-12.20 M W F NKRS C 410 NICKLE HARRY H

520 SPECIAL PROJECTS 02.0 TC 05.0 CR  
 PREREQ CONSENT OF INSTR

1 TO BE ARRANGED

575 GRAD SEMINAR 01.0 TO 04.0 CR

1 08.30-09.20 M W F NKRS A 458 BENSON BRENT W

580 SEL TOPICS PHYS 03.0 TC 06.0 CR

1 TO BE ARRANGED

592 COLLOQUY IN MOL SCI 01.0 CR

1 03.30-05.50 M NKRS B 440

599 THESIS 01.0 TO 09.0 CR

1 TO BE ARRANGED

600 DISSERTATION 01.0 TC 48.0 CR  
 PREREQ ADMISSION TO ADVANCED STUDY IN  
 MOLECULAR SCIENCE

1 TO BE ARRANGED

### Physiology (PHSL)

308B HUMAN ANATOMY 05.0 CR

1 08.30-09.20 MTWTH LS II 146 WARNER  
 09.30-11.20 T LS I 130

2 08.30-09.20 MTWTH LS II 146 WARNER  
 09.30-11.20 TH LS I 130

414	PHYSIOL CF SPEECH			04.0 CR	
1*	07.30-08.20	M W F	LS I	113	KAPLAN
	07.30-09.20	T	LS I	113	
450	SPECIAL PROBLEMS		04.0 TC 16.0 CR		
	PREREQ	CONSENT OF DEPT			
1*	01.30-03.20	MTWTH	LS I	111	
521	PHYSIOLOGY READINGS		01.0 TC 06.0 CR		
	PREREQ	CONSENT CF DEPT			
1	TO BE ARRANGED				
599	THESIS		03.0 TC 09.0 CR		
1*	01.30-03.20	MTWTHF	LS I	111	
600	DISSERTATION		04.0 TC 36.0 CR		
1	01.30-03.20	MTWTHF	LS I	111	

# PR S

399	HONORS PAPER		02.0 TC 06.0 CR		
	PREREQ	APPROVAL OF PRES SCHCL PROG & DEPT CONCERNED			
1	TO BE ARRANGED				
499	UNDERGRAD HON THES		03.0 TC 09.0 CR		
	PREREQ	APPROVAL CF PRES SCHCL PROG & DEPTS CONCERNED			
1	TO BE ARRANGED				
	JUNE 21 - JULY 16<				

## Plant Industries (PL I)

264	GEN HORTICULTURE			04.0 CR	
1	08.30-09.20	MTW	AG	166	HILLYER, IRVIN
	07.30-09.20	TH	AG	181	
2	08.30-09.20	MTW	AG	166	HILLYER, IRVIN
	07.30-09.20	F	AG	181	
306A	SOIL & WATER CGNS			03.0 CR	
	PREREQ	PL I 103			
1	10.30-11.20	M W F	AG	214	SATCHELL, DONALD
306B	SOIL & WATER CONS			02.0 CR	
	PREREQ	PL I 306A CR CCNCURRENT ENR IN 306A			
1	09.30-11.20	T TH	AG	181	SATCHELL, DONALD
315	PLANT GENETICS			04.0 CR	
	PREREQ	GSA 201B			
1	01.30-02.20	MTW	LS II	330	MYERS, OVAL
	01.30-03.20	TH	LS II	423	
359	INTERN PROGRAM		03.0 TC 05.0 CR		
	PREREQ	JR STANDING			
1	TO BE ARRANGED				LEASURE JOHN K
390	SPEC STUD PLANTS		01.0 TC 06.0 CR		
	PREREQ	CONSENT CF DEPT CHAIRMAN			
1	TO BE ARRANGED				LEASURE JOHN K
404	TURF MANAGEMENT			03.0 CR	
	PREREQ	GSA 201B			
1	08.30-10.20	M W	AG	170	
	07.30-10.20	T TH	AG	171	
407A	SOIL FERTILITY			03.0 CR	
	PREREQ	ONE COURSE IN SOILS			
1	10.30-11.20	M W F	AG	170	VARSA, EDWARD
407B	SOIL FERTILITY			02.0 CR	
	PREREQ	PL I 407A OR CONSENT OF DEPT			
1	10.30-11.20	T	AG	167	VARSA, EDWARD
	09.30-12.20	TH	AG	167	
520	READINGS		01.0 TC 06.0 CR		
	PREREQ	CONSENT CF DEPT			
1	TO BE ARRANGED				LEASURE JOHN K
575	RESEARCH		01.0 TC 06.0 CR		
	PREREQ	CONSENT CF DEPT			
1	TO BE ARRANGED				LEASURE JOHN K
590	SPEC STUDIES-PL I		01.0 TC 04.0 CR		
1	07.30-09.20 PM	MTW	AG	168	LEASURE JOHN K
599	THESIS		01.0 TC 09.0 CR		
1	TO BE ARRANGED				LEASURE JOHN K

# Psychology (PSYC)

101	DEV EFFECT RELATION			04.0 CR	
1	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	08.30-10.20	M W	H EC	122A	
2	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	08.30-10.20	M W	LS II	228	
3	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	08.30-10.20	T TH	LS II	228	
4	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	08.30-10.20	T TH	TECH A	410	
5	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	10.30-12.20	M W	LS II	228	
6	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	10.30-12.20	M W	LS II	250	
7	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	10.30-12.20	T TH	WHAM	329	
8	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	10.30-12.20	T TH	LS II	228	
9	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	12.30-02.20	T TH	H EC	122A	
10	08.30-09.20	F	LAWSON	151	BUCK TERENCE
	12.30-02.20	T TH	LS II	146	
211A	PRIN-METH OF PSYC			04.0 CR	
	PREREQ GSB 201C				
1	09.30-10.20	Th F	LS II	250	RADTKE
	08.30-10.20	TH	LS II	69	
211B	PRIN-METH OF PSYC			04.0 CR	
	PREREQ 211A				
1	10.30-11.20	MTW	CCMM	2012	IRWIN
	09.30-11.20	F	LS II	130	
301	CHILD PSYCH			04.0 CR	
	PREREQ GSB 201C				
1	07.30-09.20	W	TECH A	111	SOMERVILL JOHN W
	07.30-09.20	F	LAWSON	201	
2	09.30-10.20	MTWTH	WHAM	302	CONNELL JAMES P
305	PSYCH PERSONALITY			04.0 CR	
	PREREQ GSB 201C				
1	07.30-08.20	MTW F	LAWSON	221	HATTIOW MICHAEL
2	08.30-09.20	MTW F	LAWSON	121	RAYNARD RICHARD
3	10.30-12.20	M TH	NKRS B	440	HARREW VINCENT
307	SOCIAL PSYCHOLOGY			04.0 CR	
	PREREQ GSB 201C				
1	01.30-03.20	M TH	0875	101	MITCHELL THOMAS
311	EXP PSYCH LEARN			04.0 CR	
	PREREQ PSYC 211B				
1	10.30-11.20	M	WHAM	319	SCHMECK RONALD R
	10.30-11.20	W F	COMM	1020	
	09.30-11.20	T	LS II	69	
313	EXP PSYC MOTIV			04.0 CR	
	PREREQ PSYC 211B				
1	11.30-12.20	MTW	LS II	130	SCHMECK
	10.30-12.20	TH	LS II	69	
320	INDUSTRIAL PSYCH			04.0 CR	
	PREREQ GSB 201C				
1	09.30-10.20	MT THF	PARK	111	WESTBERG WILLIAM C
431	PSYCOPATHOLOGY			04.0 CR	
	PREREQ 305 CR CONSENT OF INSTR				
1	09.30-11.20	T TH	LAWSON	221	ANTHONY WILLIAM
440	TH OF PERSONALITY			04.0 CR	
	PREREQ PSYC 305 CR CONSENT OF INSTR				
1	08.30-09.20	MTWTH	TECH A	310	SCHILL THOMAS
459	PRESCHOOL WORKSHOP			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	08.15-09.15	M	LS II	224	DUNAGAN SHIRLEY SUE
	08.15-09.15	TH	LS II	224	
	08.15-09.15	TW	LS II	250	
	7 HRS PRACTICUM PER WK		TBA-JUNE 22-	J	
	ULY 20				

\* 8 week course meets June 22-August 13

479	ANIMAL BEHAVIOR		04.0 CR	
	PREREQ	GSA 301 OR 302 CR EQUIV		
1	12.30-01.20	TWTH	LS II 350	
	11.30-01.20	M	LS II 350	
	12.30-04.20	F	LS II 269	
	CROSSLISTED WITH ZCCL 479			
490	INCEPEN PROJECTS		01.0 TC 16.0 CR	
	PREREQ	CONSENT OF INSTR AND DEPT CHAIRMAN		
1	TO BE ARRANGED			
516	LEARNING PROCESSES		04.0 CR	
	PREREQ	CONSENT CF INSTR		
1	07.30-09.20	M TH	LS II 250	MELTZER DONALD
531	ADV PSYCHOPATHOLOGY		08.0 CR	
	PREREQ	530, 541 AND CONSENT OF INSTR		
1*	TO BE ARRANGED			RINGUETTE EUGENE L
2*	TO BE ARRANGED			SNYDER JOHN F
590	READINGS-PSYC		01.0 TC 16.0 CR	
	PREREQ	CONSENT CF DEPT		
1	TO BE ARRANGED			
591	RESEARCH IN PSYC		01.0 TC 36.0 CR	
	PREREQ	CONSENT CF DEPT		
1	TO BE ARRANGED			
593E	PRACT-CLIN PSYC		01.0 TC 18.0 CR	
	PREREQ	CONSENT CF INSTR IN CHARGE		
1	TO BE ARRANGED			BEKKER L DEMOYNE
2	TO BE ARRANGED			RADER GORDON
3	TO BE ARRANGED			SHCEMAKER DONALD J
593F	PRACT-COUNS PSYC		01.0 TC 18.0 CR	
	PREREQ	CONSENT CF INSTR IN CHARGE		
1	TO BE ARRANGED			VAN ATTA RALPH
593L	PRACT-TEACHING PSYC		01.0 TC 18.0 CR	
	PREREQ	CONSENT CF INSTR IN CHARGE		
1	TO BE ARRANGED			CARRIER NEIL ALAN
595	ADVANCED SEMINAR		01.0 TC 18.0 CR	
	PREREQ	CONSENT CF DEPT		
1	TO BE ARRANGED			FARREW VINCENT
2	TO BE ARRANGED			LIT ALFRED
3	TO BE ARRANGED			CCONNELL JAMES
4	TO BE ARRANGED			FITZ GORDON
5	TO BE ARRANGED			SCHILL THOMAS R
6*	01.30-04.20	F	LS II 224	MCHOOSE JAMES
	02.30-05.20	T	LS II 224	
599	THESIS		01.0 TC 09.0 CR	
1	TO BE ARRANGED			
600	DISSERTATION		01.0 TO 45.0 CR	
1	TO BE ARRANGED			

#### Radio-Television (R - T)

161	RADIO-TV SPEAKING		04.0 CR	
1	08.30-09.20	MTWTH	COMM 1016	HILDRETH RICHARD
251	SURVEY OF BROADCAST		03.0 CR	
1	11.30-12.20	M W F	CGMM 1046	BARTLETT BYRON A
252	PRODUCTION ANALYSIS		03.0 CR	
1	09.30-10.20	M W F	CGMM 1046	DYBVIG HOMER EUGENE
260	AUDIO CONTROL PRACT		01.0 CR	
1	09.30-11.20	TH	CGMM 52C	TERWISCHE
	10.30-11.20	M	COMM 1046	
351	PROGS AND AUDIENCES		05.0 CR	
	PREREQ	R-T 251		
1	12.30-01.20	MTWTHF	COMM 1046	
352	LAWS AND POLICIES		04.0 CR	
	PREREQ	R-T 251		
1	01.30-02.20	M WTHF	CGMM 1046	
363	RADIO PRODUCTION		04.0 CR	
	PREREQ	R-T 260		
1	09.30-11.20	T	COMM 1016	HILDRETH RICHARD
	06.30-10.00 PM	TH	COMM 1016	HILDRETH RICHARD

364	TV PRODUCTION			04.0	CR	
	PREREQ R-T 252					
1	02.30-03.20	M THF	CCMM	1015		
	02.30-04.20	W	COMM	1015		
369	TV DIRECTING			04.0	CR	
	PREREQ R-T 364					
1	02.30-03.20	T TH	CCMM	1046		
	TO BE ARRANGED					
373	ADV RADIC PROD LAB		C1.0 TC 02.0	CR		
	PREREQ 363 CR CCNCURRENT-FCC 3RDPH LI					
	CENSE CR CONSENT INSTR					
1	03.30-04.20	T TH	COMM	1046		LYNCH CHARLES T
374	ADV TV PROD LAB		01.0 TC 02.0	CR		
	PREREQ R-T 364					
1	03.30-04.20	M	COMM	1046		LAFFERTY REN A
375J	IND RESEARCH PROBS		01.0 TC 02.0	CR		
	PREREQ CONSENT OF INSTR					
1	11.30-12.20	T	COMM	1046		
383	BROADCAST WRITING			04.0	CR	
	PREREQ R-T 363 AND 364					
1	07.30-08.20	M W	CCMM	1016		BARTLETT, BYRON
	07.30-09.20	F	CCMM	1016		
393	RADIO-TV & SOCIETY			03.0	CR	
	PREREQ R-T 251, 351, 352					
1	10.30-11.20	M W F	COMM	1046		
464	PUB AFFAIRS-TV PROG			03.0	CR	
	PREREQ CONSENT OF INSTRUCTOR					
1	01.30-04.20	T	CCMM	1046		
475	INDIV PRODUCT PROB		01.0 TC 04.0	CR		
1	11.30-12.20	TH	COMM	1046		DYBVIG HOMER EUGENE

# Recreation and Outdoor Education (REC)

201	LEISURE AND REC			03.0	CR	
1	07.30-08.20	M W F	H EC	208		OBRIEN WILLIAM E
315	DRAMATICS IN REC			03.0	CR	
	PREREQ REC 201, 202					
1	09.30-12.00	M W	0628	101		TAYLOR LOREN ESTEN
325	LEISURECRAFTS			03.0	CR	
	PREREQ REC 201, 202					
1	09.30-12.20	T TH	NKRS A	258		TAYLOR
330	CAMPCRAFT			03.0	CR	
1	03.30-06.00	W	WHAM	301B		ABERNATHY WILLIAM
340	REC ACT FOR SP POP			03.0	CR	
	PREREQ REC 302					
1	TO BE ARRANGED					B FREEBURG
380	FIELD WORK		01.0 TC 04.0	CR		
	PREREQ 20HRS RECREATION					
1	TO BE ARRANGED					B ABERNATHY
425	REC AREAS AND FAC			03.0	CR	
1	10.30-11.20	M W F	0628	101		ABERNATHY WILLIAM
490	INTERNSHIP IN REC		12.0 TC 16.0	CR		
	PREREQ 20 HRS REC					
1	TO BE ARRANGED					ABERNATHY WILLIAM
500	PRIN OF REC			04.0	CR	
1*	09.30-10.20	M W F	H EC	203		OBRIEN WILLIAM E
	09.30-10.20	T TH	LS II	130		
510	CLTDODOR ED WKSHIP			04.0	CR	
1	08.00-11.00	M W F	0629	101		NOWAK PAUL F
	08.00-04.00	T TH	0629	101		CHRISTIE ROBERT M
	JUNE 14-JUNE 25					
520	REC ADMIN WKSHOP			04.0	CR	
1*	10.30-11.20	MTWTHF	0628	101		FREEBERG
525	SPEC POP WKSHOP			04.0	CR	
1	TO BE ARRANGED					FREEBERG
570	SEM-REC & OUT ED			04.0	CR	
1*	10.30-11.20	M W F	NKRS C	118		OBRIEN
596	INDEPENDENT STUDY		02.0 TC 09.0	CR		
1*	TO BE ARRANGED					RIDINGER
2	08.00-11.00	M W F	0629	101		NOWAK PAUL
	JUNE 28-JULY 9					

\* 8 week course meets June 22-August 13



## Rehabilitation (REHB)

414	DEV EMP OPPORT	01.0 TC 16.0 CR			
	PREREQ SPECIAL STANDING OR CONSENT OF INSTR				
1	TO BE ARRANGED				VIECELI & DICKEY
486	INTRO BEHAV MOD	04.0 CR			
1*	08.30-11.20	W	0720	114	PCPPEN
	08.30-11.20	F	0721	101	
490	READINGS IN REHB	01.0 TC 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
511	VOCATIONAL CHOICE	02.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
537	DIAG PROC-SPEC POP	04.0 CR			
	PREREQ REHB 532 & CONSENT OF INSTR				
1	12.30-02.20	M F	0862	101	CCYLE FRANK A JR
539	BEHAVIORAL PROGRAM	01.0 TC 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	07.30-09.15	T TH	WHAM	301B	PCPPEN
541	MED ASPECT-REHB	01.0 TC 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	05.45-07.25	W	WHAM	205	MIRANTI JOSEPH P
567	SCH-RELATED BEHAV	04.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	03.30-04.20	M W	WHAM	231	CAMPBELL
571	SEM IN SEL TOPICS	01.0 TC 06.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				RUBIN HARRIS
2	TO BE ARRANGED				
576	SEM IN BEHAV MODIFI	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	09.30-11.20	T TH	H EC	122A	CAMPBELL
578	SEM IN CORR REH CC	01.0 TC 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	09.30-11.20	M	CL	25	GRENFELL JOHN E
2	07.00-09.00 PM	M	WHAM	305	GRODER MARTIN G
585A	PRACTICUM IN REHB	01.0 TC 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				LEE ROBERT EDWARD
585B	PRACTICUM IN REHB	01.0 TC 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				CAMPBELL ROBERT L
585C	PRACTICUM IN REHB	01.0 TC 24.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SCHUMACHER BROCKMAN
589	INTERNSHIP IN REHB	00.0 TC 12.0 CR			
	PREREQ REHB 585 AND CONSENT OF DEPT				
1	TO BE ARRANGED				CAMPBELL ROBERT L
590	INDEPENDENT PROJ	01.0 TC 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
591	RESEARCH IN REHB	01.0 TC 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS	01.0 TC 09.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				

## Religious Studies (RELS)

320B	BIBLICAL STUDIES	03.0 CR			
	PREREQ JUNIOR STANDING OR CONSENT OF INSTRUCTOR				
1	08.30-09.20	M W F	PULL	37	SMITH LEMUEL E
330C	HIST WES REL THOUGH	03.0 CR			
	PREREQ JUNIOR STANDING OR CONSENT OF INSTRUCTOR				
1	10.30-11.20	M W	H EC	104	SMITH LEMUEL E
	10.30-11.20	F	H EC	203	

# Secondary Education (S ED)

310	HIST PRIN OF SEC EC			04.0 CR	
	PREREQ	GUID 305/PSYC 303,ADMISSION TO			
		TCHR ED PROGRAM			
1	07.30-08.20	M WTHF	WHAM	326	
2	08.30-09.20	M WTHF	WHAM	326	KEEFER DARYLE EARL
3	09.30-10.20	M WTHF	WHAM	326	AIKMAN ARTHUR LOREN
4	10.30-11.20	M WTHF	WHAM	326	
5	11.30-12.20	M WTHF	WHAM	326	AIKMAN
6	01.30-02.20	M WTHF	WHAM	326	MEES JOHN D
315	SEC SCOL TEACH METH			04.0 CR	
	PREREQ	S ED 310	CR CONCURRENT ENROLL		
1	08.30-09.20	M WTHF	WHAM	319	MILLER
340	TEACH READ IN H S			04.0 CR	
	PREREQ	GUID 305			
1*	08.30-09.20	MTWTHF	0871	102	DUSENBERY
352	SEC STUD TCH		08.0 TC	16.0 CR	
1	TO BE ARRANGED				
	(AGRICULTURE)				
2	TO BE ARRANGED				
	(ART)				
3	TO BE ARRANGED				
	(BIOLOGY)				
4	TO BE ARRANGED				
	(BUSINESS)				
5	TO BE ARRANGED				
	(CHEMISTRY)				
6	TO BE ARRANGED				
	(ECONOMICS)				
7	TO BE ARRANGED				
	(ENGLISH)				
8	TO BE ARRANGED				
	(FOREIGN LANGUAGE)				
9	TO BE ARRANGED				
	(GENERAL SCIENCE)				
10	TO BE ARRANGED				
	GEOGRAPHY				
11	TO BE ARRANGED				
	GOVERNMENT				
12	TO BE ARRANGED				
	HEALTH ED				
13	TO BE ARRANGED				
	HISTORY				
14	TO BE ARRANGED				
	HOME ECONOMICS				
15	TO BE ARRANGED				
	INDUSTRIAL EDUCATION				
16	TO BE ARRANGED				
	JOURNALISM				
17	TO BE ARRANGED				
	MATHEMATICS				
18	TO BE ARRANGED				
	MUSIC				
19	TO BE ARRANGED				
	PHYSICAL EDUCATION				
20	TO BE ARRANGED				
	(PHYSICS)				
21	TO BE ARRANGED				
	(SOCIOLOGY)				
22	TO BE ARRANGED				
	(SOCIAL STUDIES)				
23	TO BE ARRANGED				
	(SPEECH)				
24	TO BE ARRANGED				
	(LIBRARY SCIENCE)				
25	TO BE ARRANGED				
	(LANGUAGE ARTS)				
375A	IND RES-CURRICULUM		02.0 TC	04.0 CR	
1	TO BE ARRANGED				CLIVA

375B	IND RES-INSTRUCTION	02.0 TC 04.0 CR			
1	TO BE ARRANGED				CLIVA
375C	IND RES-LANG ARTS	02.0 TC 04.0 CR			
1	TO BE ARRANGED				DUSENBERY
375D	IND RES-SCIENCE	02.0 TC 04.0 CR			
1	TO BE ARRANGED				HUNGERFORD
375E	IND RES-READING	02.0 TC 04.0 CR			
1	TO BE ARRANGED				DUSENBERY
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR			
1	TO BE ARRANGED				MILLER
375G	IND RES-PROB S ED	02.0 TC 04.0 CR			
1	TO BE ARRANGED				CLIVA
375H	IND RES-JR HIGH MET	02.0 TC 04.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				CLIVA
407A	MID & JR HIGH SCH		J4.0 CR		
1*	01.30-02.20	MTWTHF	WHAM	321	AIKMAN
487	TCH NAT SCI-SEC SCH		04.0 CR		
	PREREQ S ED 310 CR CONCURRENT				
1*	10.30-11.20	MTWTHF	PULL	304	HUNGERFORD
488	SOC ST IN SEC SCH		04.0 CR		
	PREREQ S ED 310 CR CONCURRENTLY				
1*	01.30-02.20	MTWTHF	WHAM	228	MILLER
49C	ECONOMIC EDUCATION		04.0 CR		
1*	08.30-12.00	MTWTHF	WHAM	208	WIEGAND G CARL
	01.30-03.20	MTWTHF	WHAM	208	
	AUGUST 16 - 27				
506	READING IN SEC SCH		04.0 CR		
	PREREQ S ED 352 OR TEACHING				
	EXPERIENCE				
1*	10.30-11.20	MTWTHF	WHAM	317	DUSENBERY MIRIAM C
507	READINGS IN READING	02.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				DUSENBERY MIRIAM C
508	DEVELOP SEL AREAS		04.0 CR		
1*	10.30-11.20	MTWTHF	WHAM	305	MEES
509	PRACTICUM IN RD		04.0 TC 08.0 CR		
	PREREQ S ED 521C				
1	TO BE ARRANGED				HILL
516	INTERN IN READING	08.0 TC 12.0 CR			
	PREREQ S ED 509 AND 514				
1	TO BE ARRANGED				HILL MARGARET
518	SUP OF ST TEACH		02.0 CR		
1	08.30-09.20	MTWTHF	PULL	39	CASEY
	JUNE 22- JULY 16				
521A	DIAG-CORR READ DIS		04.0 CR		
	PREREQ 505 OR 440 CR CONCURRENT REG				
	WITH 505 & TEACH EXPER				
1*	10.30-11.20	MTWTHF	WHAM	231	FISHCO
521B	DIAG-CORR READ DIS		04.0 CR		
	PREREQ 505 CR 440 CR CONCURRENT REG				
	WITH 505 & TEACH EXPER				
1*	11.30-12.20	MTWTHF	WHAM	231	FISHCO
521C	DIAG-CORR READ DIS		04.0 CR		
	PREREQ 505 CR 440 CR CONCURRENT REG				
	WITH 505 & TEACH EXPER				
1*	12.30-01.20	MTWTHF	WHAM	231	FISHCO
560	NEW DEVEL-OCCUP ED	02.0 TC 12.0 CR			
1	09.30-10.20	MTWTHF	TECH A	220	STADT RONALD W
	12.30-01.20	MTWTHF	TECH A	220	STADT RONALD W
	JUNE 22-JULY 2				
2	09.30-10.20	MTWTHF	TECH A	220	STADT RONALD W
	12.30-01.20	MTWTHF	TECH A	220	STADT RONALD W
	JULY 5-JULY 16				
3	09.30-10.20	MTWTHF	TECH A	220	STADT RONALD W
	12.30-01.20	MTWTHF	TECH A	220	STADT RONALD W
	JULY 19-30				
4	09.30-10.20	MTWTHF	TECH A	220	STADT RONALD W
	12.30-01.20	MTWTHF	TECH A	220	STADT RONALD W

AUG 2-13						
561	CURRICULUM			04.0	CR	
1*	10.30-11.20	MTWTHF	WHAM	328	FISHBACK W	
562	SEC SCHO CURRICULUM			04.0	CR	
1*	08.30-09.20	MTWTHF	WHAM	328	FLIGER ROSS JEAN	
2*	01.30-04.00	M W	WHAM	317	KEEFER DARYLE EARL	
564	SEC S PRINCIPALSHIP			04.0	CR	
1*	11.30-12.20	MTWTHF	WHAM	305	STEPHENS CLARENCE W	
566	SEM IN INSTRUCTION			04.0	CR	
	PREREQ CONSENT CF INSTR					
1	TO BE ARRANGED					CLIVA PETER F
	FOR 1ST YEAR TRIPLE-T TEACHERS ONLY					
570	STUDENT ACTIVITIES			04.0	CR	
1*	08.30-09.20	MTWTHF	WHAM	317	BUSER ROBERT	
571	SEM IN CURRICULUM			04.0	CR	
	PREREQ ELED 561 OR S ED 562 OR EQUIV					
1*	01.30-04.00	T TH	WHAM	301B	BUSER ROBERT L	
575A	IND RES-CURRICULUM			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLIVA PETER F
575B	IND RES-SUPERVISION			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLIVA PETER F
575C	IND RES-LANG ARTS			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLUSENBERY MIRIAM C
575D	IND RES-SCIENCE			02.0 TC 04.0	CR	
1	TO BE ARRANGED					HUNGERFORD HAROLD R
575E	IND RES-READING			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLUSENBERY
575F	IND RES-SOC STUDIES			02.0 TC 04.0	CR	
1	TO BE ARRANGED					MILLER
575G	IND RES-SEC EDUC			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLIVA
575H	IND RES-JR H METHCD			02.0 TC 04.0	CR	
1	TO BE ARRANGED					CLIVA
596	INDEPENDENT INVEST			05.0 TC 09.0	CR	
1	TO BE ARRANGED					CLIVA
599	THESIS			03.0 TC 09.0	CR	
1	TO BE ARRANGED					CLIVA PETER F
600	DISSERTATION			01.0 TC 48.0	CR	
1	TO BE ARRANGED					HILL&OLIVA

### Secretarial and Business Education (SEC)

201A	TYPEWRITING			03.0	CR	
1	11.30-12.20	T THF	CL	13	BUBOLTZ VAN A	
201B	TYPEWRITING			03.0	CR	
	PREREQ SEC 201A OR EQUIV					
1	08.30-09.20	M W F	CL	13	BUHOLTZ	
201C	TYPEWRITING			03.0	CR	
	PREREQ SEC 201B OR EQUIV					
1	10.30-11.20	T THF	CL	13	BUHOLTZ	
221B	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221A OR EQUIV					
1	02.30-03.20	MTWTHF	CL	13	JACOBSON	
221C	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221B OR EQUIV					
1	02.30-03.20	MTWTHF	CL	13	JACOBSON	
241	DUPLICATING			01.0	CR	
	PREREQ SEC 201 OR EQUIV					
1	11.30-01.20	W	CL	21	RAHE	
243	KEYPUNCH			01.0	CR	
	PREREQ SEC 201A OR EQUIV					
1*	11.30-12.20	T	CL	21	BURGER	
2*	02.30-03.20	TH	CL	21	BURGER	
304	ADV TYPEWRITING			03.0	CR	
	PREREQ SEC 201-9					
1	09.30-10.20	M WTH	CL	13	JACOBSON	
324A	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221C OR EQUIV					
1	01.30-02.20	MTWTHF	CL	13	RAHE	

\* 8 week course meets June 22-August 13

324B	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 324A GR EQUIV					
1	01.30-02.20	MTWTHF	CL	13	BURGER	
341	OFFICE CALC MCHNS			04.0	CR	
1	10.30-11.20	MTWTHF	CL	17	RAHE	
409	TEACH DISTRIB ED			04.0	CR	
	PREREQ MKTG 301					
1*	08.30-09.20	MTWTHF	CL	17	BAUERNFEIND	
410	TEACH CONSUMER ED			04.0	CR	
	PREREQ GSB 346 CR FIN 305 CR EQUIV					
1*	09.30-10.20	MTWTHF	CL	21	BUBOLTZ VAN A	
411	WKKSHP IN BUS ED			01.0	CR	
	PREREQ SENIOR STANDING					
1	08.00-12.00	TH	H EC	140B	BAUERNFEIND HARRY	
	12.00-09.00	TH	H EC	140B	BAUERNFEIND HARRY	
	08.00-12.00	F	H EC	140B		
	12.00-05.00	F	H EC	140B		
	AUG 19-20 WKKSHP IN VOCATIONAL			00&DE		
414B	GRG ADM VOC BUS ED			03.0	CR	
	PREREQ CONSENT CF INSTR					
1	02.30-04.20	MTWTHF	LAWSON	231	BAUERNFEIND	
	JUNE 22-JULY 9					
415	SUP BUS EXP & STUDY			06.0	CR	
	PREREQ CONSENT CF INSTR					
1	01.30-04.20	MTWTHF	LAWSON	231	BAUERNFEIND HARRY	
	(JULY 12-16)(1:30 MTW AUG 23-25) REST-					
	WORK EXPR					
417	DATA PROC IN BUS ED			04.0	CR	
1*	10.30-11.20	MTWTHF	CL	21	BURGER	
426	OFFICE MANAGEMENT			04.0	CR	
1*	01.30-02.20	MTWTHF	CL	17	JACOBSON HARRY E	
485	PRIN-PHIL VO TEC ED			03.0	CR	
	PREREQ STUDENT TEACHING CR CCNSENT OF DEPARTMENT					
1	08.30-10.20	MTWTHF	TECH A	122	BAUERNFEIND HARRY	
	JUNE 28-JULY 16					
508	ADMIN & SUPV-BUS ED			04.0	CR	
1*	12.30-01.20	MTWTHF	CL	17	JACOBSON	
525	COCP VOC-TECH ED			04.0	CR	
1	10.30-12.20	MTWTHF	TECH A	122	BAUERNFEIND HARRY	
	JUNE 28-JULY 16					

### Sociology (SOC)

301	PRINCIPLES OF SOC			04.0	CR	
	PREREQ JR STANDING					
1	11.30-12.20	MTWTH	0862	101	MARTIN THOMAS W	
335	URBAN SOCIOLOGY			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	08.30-10.20	T TH	0862	102	NALL	
	RESERVED FOR SOC MAJORS					
340	THE FAMILY			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	08.30-09.20	MTWTH	0875	101	MCMILLIN JAMES D	
372	CRIMINOLOGY			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	09.30-10.20	TWTHF	0875	101		
	SECT 2 RESERVED FOR SCC MAJORS					
374	SOCIOLOGY OF ED			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	01.30-02.20	MTWTH	LS II	350	MARTIN	
375	SOCIAL WELFARE			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	10.30-11.20	M W	H EC	102	EADES JOSEPH	
383	INTROD INTERVIEWING			04.0	CR	
	PREREQ GSB 201B CR SCC 301					
1	09.30-10.20	MTWTH	0861	102	BROWN FOSTER S JR	
2	01.30-02.20	MTWTH	0875	102	BRELJE	
396	READINGS IN SOC			01.0	TC 05.0	CR



	PREREQ	CONSENT CF INSTR			
1	TO BE ARRANGED				
396H	HONORS READINGS-SOC	01.0 TC 04.0 CR			
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				
435	SOC STRATIFICATION	04.0 CR			
	PREREQ	TWC COURSES IN SCC OR CONSENT OF INSTR			
1	10.30-12.20	T TH	WHAM	307	HAWKES ROLAND
	RESERVED FOR SOC MAJORS				
460	SOC OF MEDICINE	04.0 CR			
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	01.30-03.10	THF	WHAM	112	RAINEY MICHAEL L
481	PROC IN SOC WORK	04.0 CR			
	PREREQ	SOC 375 CR CONSENT CF INSTR			
1	02.30-03.20	MTWTH	0875	102	BRELJE MARTHA ELAINE
482	SOC WK-SEL AGENCIES	03.0 CR			
	PREREQ	SOC 481 AND CONSENT OF INSTR			
1	11.30-12.20	MT TH	WHAM	303	BROWN FOSTER S JR
489E	INDEPT STUDY CORRS	02.0 TC 04.0 CR			
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				EYNON THOMAS
498A	INDIVIDUAL RESEARCH	04.0 CR			
	PREREQ	SR STANDING WITH 20 HRS SCC & CONSENT OF INSTR			
1	TO BE ARRANGED				
498B	INDIVIDUAL RESEARCH	04.0 CR			
	PREREQ	SR STANDING WITH 20 HRS SCC & CONSENT OF INSTR			
1	TO BE ARRANGED				
498H	HONORS IND RESEARCH	01.0 TC 04.0 CR			
	PREREQ	CONSENT CF DEPARTMENT			
1	TO BE ARRANGED				BCOTH GERALD V
501	SURVEY SOCIOL THEC	04.0 CR			
	PREREQ	SOC 451 CR CONSENT CF INSTR			
1	TO BE ARRANGED				MUNCH
503	EUR THEO 1910-PRES	04.0 CR			
	PREREQ	15 HRS SOC OR CONSENT OF INSTR			
1	TO BE ARRANGED				MUNCH
583	SUPER FIELD WK CORR	04.0 TO 12.0 CR			
	PREREQ	CONSENT CF INSTR			
1	TO BE ARRANGED				EYNON
591	INDIVIDUAL RESEARCH	02.0 TC 06.0 CR			
	PREREQ	CONSENT CF INSTR AND DEPT CHAIRMAN			
1	TO BE ARRANGED				
596	READINGS IN SOC	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR AND DEPT CHAIRMAN			
1	12.30-03.20	W	WHAM	301A	
599	THESIS	02.0 TC 09.0 CR			
	PREREQ	CONSENT OF DEPT CHAIRMAN			
1	TO BE ARRANGED				ROSSEL ROBERT D
600	DISSERTATION	01.0 TC 48.0 CR			
	PREREQ	CONSENT OF DEPT CHAIRMAN			
1	TO BE ARRANGED				

### Special Education (SP E)

410A	PRCB & CHAR-EMO CHI	04.0 CR			
	PREREQ	SP E 414			
1*	12.30-01.20	MTWTHF	WHAM	326	
410B	PROB CHAR MENT RET	04.0 CR			
	PREREQ	SP E 414			
1*	09.30-10.20	T THF	LAWSON	131	STEPHENS WYATT E
	09.30-10.20	M	LS I	205	
	09.30-10.20	W	LAWSON	231	

\* 8 week course meets June 22-August 13

41CC	PRCB CHAR GIFT CHLD	04.0 CR	
	PREREQ PSYC 301 OR 303 CR CONSENT OF INSTR		
1*	09.30-10.20 MTWTHF PULL	34	CASEY JOHN P
411	ASS & REMED LRN DIS	04.0 CR	
	PREREQ SP E 414 AND CONSENT OF INSTR		
1*	08.30-09.20 MT THF WHAM	302	
	08.30-09.20 W LS I	205	
413A	DIR OBSER-EMOT DIST	04.0 CR	
	PREREQ CONSENT OF INSTR		
1*	TO BE ARRANGED		DUNBAR
413B	DIR OB CF MR CHILD	04.0 CR	
	PREREQ SP E 414, SP E 410B CR CONC EN RLMT & MAJOR IN SP E		
1*	10.30-12.20 T TH WHAM	321	CRCWNER
	TO BE ARRANGED		
414	THE EXCEPT CHILD	04.0 CR	
	PREREQ PSYC 301 OR 303 CR CONSENT OF INSTR		
1*	07.30-08.20 MTWTHF WHAM	308	
2*	08.30-09.20 MTWTHF PARK	124	CRCWNER
3	09.30-10.20 MTWTHF WHAM	328	MCRGAN
	ABOVE SECTION FOR GRADSTUDENTS ONLY		
4*	01.30-02.20 MTWTHF WHAM	308	FOLDER
42CA	MET & MAT-ED EM DIS	04.0 CR	
	PREREQ SP E 410A AND CONSENT OF INSTR		
1*	10.30-11.20 MTWTHF GRASSY	100	JUUL
420B	METH & MAT TEACH MR	04.0 CR	
	PREREQ SP E 410B AND CONSENT OF INSTR		
1*	02.30-05.00 T TH WHAM	303	HCLDER
428	SPCH CORR CLASS TCH	04.0 CR	
	PREREQ IN-SERVICE TEACHER CR GRAD STUDENTS ONLY		
1*	12.30-01.20 MTWTHF COMM	1006	FARGHER GEORGANN P
496	READ & INDEP STUDY	02.0 TC 08.0 CR	
	PREREQ SP E 414 AND CONSENT OF STAFF		
1*	TO BE ARRANGED		CROWNER
2	TO BE ARRANGED		
	JUNE 21-AUG 13 IN JALAPA, VERA CRUZ, MEXICO		
513	ORG ADM SP CLASSES	04.0 CR	
	PREREQ SP E 414		
1*	10.30-12.25 T TH LS II	146	MORGAN HOWARD G
518A	LEARN & BEHAV DISOR	02.0 TC 04.0 CR	
	PREREQ SP E 414		
1*	TO BE ARRANGED		CRCWNER
	JUNE 21-AUG 13 IN JALAPA, VERA CRUZ, MEXICO		
2*	09.30-10.20 MTWTHF PULL	41	JACOBS
518B	WKSHP-ED M R CHILD	02.0 TC 04.0 CR	
	PREREQ SP E 414		
1*	02.30-05.00 M W WHAM	212	JCINER & RAINEY
518C	WKSHP-ED GIFT CHLD	02.0 TC 04.0 CR	
	PREREQ SP E 414		
1*	08.00-04.00 MTWTHF MARION		CASEY
518S	WKSHP-ADM SP E PROG	02.0 TC 04.0 CR	
	PREREQ SP E 414		
1	TO BE ARRANGED		CRCWNER
	JUNE 21-AUG 13 IN JALAPA, VERA CRUZ, MEXICO		
577	PRACTICUM IN SP ED	04.0 TC 12.0 CR	
	PREREQ SP E 410A, B, C, CR D, AND CONSENT OF STAFF		
1*	TO BE ARRANGED		
580A	ED MALAD CHILDREN	04.0 CR	
	PREREQ SP E 414 AND CONSENT OF INSTR		
1*	10.30-11.20 MTWTHF WHAM	205	CRCWNER JAMES
580B	ED OF MENT RET	04.0 CR	
	PREREQ SP E 414 AND CONSENT OF INSTR		

1*	01.30-03.20	T TH	WHAM	305	STEPHENS WYATT E
596	IND INVESTIGATION	05.C	TC	09.0 CR	
1*	TO BE ARRANGED				CRCWNER JAMES
599	THESIS	02.0	TC	09.0 CR	
1*	TO BE ARRANGED				CRCWNER JAMES
600	DISSERTATION	01.0	TC	48.0 CR	
1*	TO BE ARRANGED				CRCWNER JAMES

## Speech (SPCH)

102	PUBLIC SPEAKING			04.0 CR	
	PREREQ	GSD 103			
1	09.30-10.20	MTW F	COMM	1006	HIBBS RICHARD PAUL
202	PRIN OF DISCUSSION			03.0 CR	
1	01.30-02.20	MT TH	COMM	1017	PCTTER DAVID J
2	02.30-03.20	MT TH	COMM	1017	PCTTER DAVID J
209	FORENSIC ACTIVITIES	01.0	TC	03.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				KLEINAU
309	FORENSIC ACTIVITIES	01.0	TC	04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				KLEINAU MARION L
423	ORAL INTERP POETRY			04.0 CR	
	PREREQ	GSD 200 AND SPCH 323			
1	09.30-11.20	M W	COMM	1017	KLEINAU MARION L
427	SEC SCHL FOREN PRG			04.0 CR	
1*	10.30-11.20	MTWTHF	COMM	1006	BRINMAN LESTER R
429	EXP STUD ORAL COM			04.0 CR	
	PREREQ	SPCH 428			
1	12.30-02.20	M W	COMM	2012	SANDERS
445C	LANGUAGE BEHAVIOR			04.0 CR	
1	08.30-10.20	M W	LS II	330	HIGGINBOTHAM
449	GENERAL SEMANTICS			04.0 CR	
1	08.30-09.20	MTWTH	COMM	2012	PAGE THOMAS J
500	SURV CLASSICAL RHET			04.0 CR	
1	09.30-11.20	M W	COMM	1022	MICKEN
508	SEM STUDIES IN DISC			04.0 CR	
1	07.30-10.30 PM	T	COMM	1006	PCTTER DAVID J
511A	TEACH COLL SPEECH			02.0 CR	
1	01.30-03.20	T TH	COMM	1018	SMITH WILLIAM DAVID
511B	TEACH COLL SPEECH			02.0 CR	
1	01.30-03.20	T TH	COMM	1018	SMITH WILLIAM DAVID
520	PHIL FOUND-SPEECH			03.0 CR	
1	11.30-12.20	MTWTH	COMM	1020	PAGE
524B	SEM RHET & PUB ADD			03.0 CR	
1	TO BE ARRANGED				BRADLEY EARL
530	RESEARCH PROBLEMS	01.0	TC	04.0 CR	
1	TO BE ARRANGED				BRADLEY EARL EOSEL
540	SEM-EXP COMM RES			04.0 CR	
	PREREQ	SPCH 428 AND 429			
1	01.30-03.20	M W	COMM	2012	SANDERS
542	NON-QUAN RES METH			04.0 CR	
	PREREQ	SPCH 410			
1	08.30-10.20	T TH	COMM	1022	JENNINGS RUSSELL W
599	THESIS	02.0	TC	09.0 CR	
1	TO BE ARRANGED				MICKEN RALPH A
600	DISSERTATION	01.0	TC	48.0 CR	
1	TO BE ARRANGED				MICKEN RALPH A

## Speech Pathology and Audiology (SP & A)

200	PHONETICS			04.0 CR	
1	08.30-09.20	MTWTHF	COMM	1006	GARBUTT CAMERON W
319	STUTTERING			04.0 CR	
	PREREQ	SP&A 212 CR	CONSENT OF INSTR		
1	02.30-03.20	MT THF	COMM	1006	BRUTTEN GENE JEROME
400	IND STUDY-SP&A	02.0	TC	04.0 CR	
	PREREQ	ADVANCED STANDING			
1	TO BE ARRANGED				COPELAND ALFRED

405C	PRAC SP & HEAR THER	02.0 TO 04.0 CR			
	PREREQ JUNICR STANDING IN DEPARTMENT				
1	TO BE ARRANGED				PAGE SUE ANN
412	CEREBRAL PALSY	04.0 CR			
	PREREQ SP&A 212, 414 CR CONSENT OF INSTRUCTOR				
1	08.30-12.00	MTWTHF	COMM	1008	PAGE SUE ANN
414	PHYSIOL OF SPEECH	04.0 CR			
1	07.30-08.20	M W F	LS I	113	KAPLAN
	07.30-09.20	T	LS I	113	
416	INTRO TO AUDIOLOGY	04.0 CR			
	PREREQ JR STANDING CR CONSENT OF INSTR				
1	01.30-02.20	MT THF	COMM	1006	MCFARLAND WILLIAM H
419	COMM PROB OF H OF H	04.0 CR			
	PREREQ SP&A 406 CR CCNSENT CF INSTR				
1	08.30-12.00	MTWTHF	COMM	1009	MCFARLAND WILLIAM H
428	SP CORR FOR CL TCH	04.0 CR			
	PREREQ PRACTISING TEACHER, SR CR GRAD IN EDUC				
1*	12.30-01.20	MTWTHF	COMM	1006	HCSHIK MICHAEL S
515	READINGS IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				BRACKETT I P
520	SEM-PHYSIOL ACOUST	04.0 CR			
	PREREQ SP&A 406, 416				
1	02.30-04.20	M TH	COMM	1009	CCPELAND ALFRED
530	RES PROB IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				BRUTTEN GENE JEROME
533	SEM IN SPCH SCIENCE	01.0 TO 04.0 CR			
1	02.30-04.20	T F	COMM	1009	HCSHIK MICHAEL S
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				KOEPP-BAKER HERBERT
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				KOEPP-BAKER HERBERT

### Theater (THEA)

203	VOICE AND DICTION	04.0 CR			
1	10.30-11.20	M W	H EC	122A	GARBUTT CAMERON W
	10.30-11.20	T TH	COMM	1021	GARBUTT CAMERON W
208	DRAMATIC ACTIVITIES	01.0 TO 03.0 CR			
1	02.30-03.20	M W	COMM	1045	ZOECKLER CHARLES W
217	ACTING	04.0 CR			
1*	11.30-12.20	MTWTH	H EC	104	HARRISON EELIN S
308	DRAMATIC ACTIVITIES	01.0 TO 03.0 CR			
1	02.30-03.20	M W	COMM	1045	ZOECKLER CHARLES W
322	THEATRE PRACTICUM	02.0 TO 14.0 CR			
1	08.40-10.10	MTWTHF	COMM	1037	MCLEOD & MOE & BROWNE
	MTS 8.40AM TO 10.10PM-DEPT. CONSENT REQUIRED				
402A	PLAY DIRECTING	04.0 CR			
1*	12.30-01.20	MTWTHF	COMM	1045	BROWNE
2*	04.30-05.20	MTWTHF	COMM	1045	ZOECKLER
	THE ABOVE SECTION IS RESTRICTED TO SPCH MAJCRS ONLY				
402B	PLAY DIRECTING	04.0 CR			
1*	01.30-02.20	MTWTHF	0861	101	BROWNE
409	H S THEATRE	04.0 CR			
1*	08.30-09.20	MTWTH	COMM	1018	
411	PLAYWRITING	04.0 CR			
	PREREQ THEA 311 & CONSENT OF INSTR				
1	TO BE ARRANGED				MOE
444	CONTEMP DANCE WKSHP	02.0 TO 08.0 CR			
1*	01.00-05.00	MTWTHF	GYM	208	GRAY
504	THE COMIC THEATRE	04.0 CR			
1	03.30-04.20	MTWTH	COMM	1020	MCE
519	THEATRE PRACTICUM	01.0 TO 12.0 CR			
1	08.40-10.10	MTWTHF	COMM	1037	GRAY & MCLEOD & BROWNE
	MTS 8.40AM TO 10.10PM-DEPT. CONSENT REQUIRED				



526	SEM IN THEATRE ARTS	03.0 TC 12.0 CR		
	PREREQ GRAD STANDING & CONSENT			
	OF DEPARTMENT			
1	04.30-05.20	MTWTHF	COMM 1006	MOE CHRISTIAN H
	STOCK COM MEMBS BY PERMISSION ONLY			
530	RESEARCH PROBLEMS	01.0 TC 04.0 CR		
1	TO BE ARRANGED			MCLEOD
599	THESIS	01.0 TC 09.0 CR		
1	TO BE ARRANGED			MCLEOD

### Technical & Industrial Education (TIED)

201A	VISUAL COMMUNICATNS	03.0 CR		
1	08.30-09.20	MTWTH	PULL I 17	
302	CONSTR MTDS PRI TCH	04.0 CR		
1	07.30-09.20	MTWTH	PULL I 109	
2	09.30-10.20	TW	PULL I 109	
	07.30-10.20	M	PULL I 109	
	07.30-09.20	W	PULL I 109	
303	DIVERSIFIED CRAFTS	04.0 CR		
1	01.30-02.20	TW	PULL I 109	JENKINS JAMES JR
	11.30-02.20	M	PULL I 109	JENKINS JAMES JR
	11.30-01.20	W	PULL I 109	JENKINS JAMES JR
2	01.30-02.20	TW	PULL I 109	JENKINS
	11.30-01.20	T	PULL I 109	
	11.30-02.20	TH	PULL I 109	
319	INDUSTRIAL INTERN	03.0 TC 24.0 CR		
	PREREQ CONSENT CF COORDINATOR			
1	TO BE ARRANGED			BITTLE RAYMOND E
419	STU TCH IN TECH PRO	08.0 TO 16.0 CR		
	PREREQ 9 QTR HRS PROFESSIONAL COURSES			
1	TO BE ARRANGED			HUCK
420A	ENTRPRS-MANMACH SYS	04.0 CR		
	PREREQ 20 HRS IN TECHNICAL AND			
	INDUSTRIAL EDUCATION			
1	10.30-11.20	M W	PULL I 14A	NYSTROM
	10.30-12.20	F	PULL I 14A	
420B	ENTRPRS-MANMACH SYS	04.0 CR		
	PREREQ 420A			
1	09.30-12.30	MTWTHF	TECH A 220	HUCK
	01.30-03.30	MTWTHF	TECH A 220	
	AUGUST 16-27			
425	PRACTICUM IN TECH	02.0 TO 08.0 CR		
	PREREQ 12 HRS IN TECHNICAL SUBJECTS			
1	TO BE ARRANGED			BITTLE RAYMOND E
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR		
	PREREQ CONSENT CF INSTRUCTOR			
1	TO BE ARRANGED			BAILEY
450	ADV SKILLS TECH SUB	01.0 TC 12.0 CR		
	PREREQ BASIC TRAINING IN AREA			
	SELECTED FOR STUDY			
1*	08.30-09.20	MTWTHF	PULL I 14B	BGRTZ
	MATERIALS AND PROCESSES			
485	PRIN-PHIL VO TEC ED	03.0 CR		
	PREREQ .			
1	08.30-10.20	MTWTHF	TECH A 122	RAMP WAYNE S
	JUNE 28-JULY 16			
488	ANAL FOR OCCUP ED	03.0 CR		
	PREREQ 12 HRS IN TEACHING SPECIALTY			
1*	11.30-12.20	MTWTH	TECH A 220	BORTZ RICHARD F
489	ORG OF SUBJ MATTER	03.0 CR		
	PREREQ TIED 488			
1*	02.30-03.20	MTWTH	TECH A 320	
490	PRIN OCCUP TEACH	03.0 CR		
	PREREQ 12 HRS IN TEACHING SPECIALTY			
1*	10.30-11.20	MTWTH	TECH A 410	HUCK
493	AV MEDIA FOR OCC ED	03.0 CR		
1*	01.30-02.20	MTWTHF	TECH D 130	
500A	LEG ORG & AD OCC ED	04.0 CR		
1*	01.30-02.20	MTWTHF	TECH A 420	NYSTROM DENNIS C

\* 8 week course meets June 22-August 13



502	EVAL-OCCUP ED PRG	04.0 CR		
	PREREQ 1 COURSE IN TESTS AND MEASUREMENTS			
1*	12.30-01.20	MTWTHF	TECH D 130	BAILEY
505	AD&SUPERVIS OCC ED	04.0 CR		
1*	11.30-12.20	TWTH	AG 214	BITTLE RAYMOND E
	11.30-12.20	M	TECH A 410	
525	CDCP VOC-TECH ED	04.0 CR		
1	10.30-12.20	MTWTHF	TECH A 122	SULLIVAN JAMES A
	JUNE 28-JULY 16			
540	RES IN OCC ED	04.0 CR		
1*	02.30-03.20	MTWTHF	TECH D 131	ERICKSON JOHN HOWARD
541	CCCUP INFO AND GUID	04.0 CR		
1	10.30-12.20	MTWTHF	TECH A 420	RAMP WAYNE S
	JULY 19-AUG 13			
560	NEW DEVEL-OCCUP ED	02.0 TO 12.0 CR		
1	09.30-10.20	MTWTHF	TECH A 220	
	12.30-01.20	MTWTHF	TECH A 220	
	JUNE 22-JULY 2			
2	09.30-10.20	MTWTHF	TECH A 220	
	12.30-01.20	MTWTHF	TECH A 220	
	JULY 5-16			
3	09.30-10.20	MTWTHF	TECH A 220	
	12.30-01.20	MTWTHF	TECH A 220	
	JULY 19-30			
4	09.30-10.20	MTWTHF	TECH A 220	
	12.30-01.20	MTWTHF	TECH A 220	
	AUG 2-13			
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR		
1	TO BE ARRANGED			BAILEY
599	THESIS	01.0 TO 09.0 CR		
1	TO BE ARRANGED			STADT RONALD W

## Zoology (ZOOL)

300	VERT EMBRYOLOGY	05.0 CR		
	PREREQ ZOOL 318A			
1	07.30-08.20	M W F	LS II 350	HAAS
	07.30-09.20	T TH	LS II 303	
317A	DIVERSITY OF ANIMAL	05.0 CR		
	PREREQ ANY 3 OF FOLLOWING - BIOL 305, 306, 307, 308			
1	09.30-10.20	T TH	LS II 330	DYER
	09.30-11.20	M W F	LS II 251	
317B	DIVERSITY OF ANIMAL	05.0 CR		
	PREREQ ZOOL 317A			
1	01.30-02.20	T TH	LS II 250	
	01.30-03.20	M W F	LS II 251	
322	PROBLEMS IN ZOOLOGY	02.0 TO 05.0 CR		
	PREREQ 4.25 GPA, SENIOR STANDING, AND DEPT OR FAC APPROVAL			
1	TO BE ARRANGED			
382	ZOOL SENIOR SEMINAR	01.0 TO 03.0 CR		
	PREREQ SENIOR STANDING			
1	11.30-12.20	W	LS II 350	
2	11.30-12.20	W	LS II 330	
402	NAT HIST INVERT	04.0 CR		
	PREREQ ZOOL 317A			
1*	09.30-10.20	M W F	LS II 350	MCPHERSON JOHN E
	09.30-12.20	T TH	LS II 257	
	JUNE 22-AUG 13			
404	ZOOLOGY FIELD STUD	02.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			
406	PROTOZOOLOGY	04.0 CR		
	PREREQ ZOOL 317A			
1	08.30-09.20	T TH	LS II 330	GARDIAN
	07.30-09.20	M W F	LS II 369	
43CA	BIOL STATISTICS	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	06.30-08.30 PM	M TH	LS II 330	

479	ANIMAL BEHAVIOR				04.0 CR	
	PREREQ	GSA 301	OR 302	CR EQUIV		
1	12.30-01.20		TWTH	LS II	350	
	11.30-01.20		M	LS II	350	
	12.30-04.20		F	LS II	269	
525	CYTOLOGY				05.0 CR	
	PREREQ	CONSENT	OF INSTRUCTOR			
1	02.30-03.20		M W F	LS II	430	OLAH LESLIE
	02.30-04.20		T TH	LS II	404	OLAH LESLIE
	CROSSLISTED WITH	BCTANY 525				
582	GRAD ZOOLOG SEMINAR				01.0 TC 06.0 CR	
1	TO BE ARRANGED					
585A	SEM - ANIMAL BEHAV				03.0 CR	
	PREREQ	CONSENT	OF INSTR			
1	03.30-04.20		MTW	LS II	330	
596	SPECIAL RESEARCH				03.0 TC 12.0 CR	
	PREREQ	CONSENT	OF INSTRUCTOR			
1	TO BE ARRANGED					
599	THESIS				02.0 TO 09.0 CR	
1	TO BE ARRANGED					
600	DISSERTATION				03.0 TO 48.0 CR	
1	TO BE ARRANGED					

## SCHEDULE OF VOCATIONAL-TECHNICAL INSTITUTE COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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### General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101A	INTRO-PHYS SCIENCE			04.0 CR	
901	12.30-01.20	MTWTH	M3	101	HARTUNG
902	01.30-02.20	MTWTH	M3	101	HARTUNG
101B	INTRO-PHYS SCIENCE			04.0 CR	
901	11.30-12.20	MTWTH	F3	144	

### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

201C	CULT-SOCIETY-BEHAV			04.0 CR	
901	12.30-01.20	MTWTH	MI	112	
902	03.30-04.20	MTWTH	MI	112	
211B	POLITICAL ECONOMY			04.0 CR	
901	11.30-12.20	MTWTH	L3	109	SHIN
902	02.30-03.20	MTWTH	MI	112	SHIN

### General Studies Area D—Organization and Communication of Ideas (GSD)

101	ENGLISH COMPOSITION			03.0 CR	
901	12.30-01.20	M W F	H3	153	
902	02.30-03.20	M W F	H3	153	
903	03.30-04.20	M W F	H3	153	
102	ENGLISH COMPOSITION			03.0 CR	
901	02.30-03.20	M W F	L2	105	
103	ORAL COMM OF IDEAS			03.0 CR	
901	07.30-08.20	MTWTH	L3	109	WORKUN
902	12.30-01.20	MTWTH	L3	109	WORKUN

### Accounting (\*ACC)

101A	ACCOUNTING			04.0 CR	
1	09.30-10.20	M F	F1	111	MARKWELL
	09.30-11.20	T TH	F1	111	MARKWELL
101C	ACCOUNTING			04.0 CR	
	PREREQ	*ACC 101B			
1	07.00-09.30 PM	T TH	F1	111	REYNOLDS
109A	CALC MACH			03.0 CR	
1	07.30-08.20	MTWTHF	F1	113	JOHNSTON
2	11.30-12.20	MTWTHF	F1	113	JOHNSTON

3	02.30-03.20	MTWTHF	FI	113	JCHNSTON
4	07.00-09.30 PM	M W	FI	113	
126	FUND OF BUSINESS		03.0	CR	
1	08.30-09.20	M W F	F1	108	MARKWELL
2	11.30-12.20	M W F	F1	108	VAUGHN
226A	BUSINESS LAW		04.0	CR	
1	02.30-03.20	MTWTH	F1	108	CUNDIFF
226B	BUSINESS LAW		04.0	CR	
1	12.30-01.20	MTWTH	F1	108	CUNDIFF
227	OFFICE ADMIN & SUP		04.0	CR	
	PREREQ *ACC 126				
1	10.30-11.20	MTWTHF	F1	108	VAUGHN

### Architectural Drafting (\*AD)

110A	ARCHITECT DRAFTING			05.0	CR
	PREREQ MUST BE TAKEN IN A,B			SEQUENCE	
1	12.30-04.20	M W F	MI	108	
110B	ARCHITECT DRAFTING			03.0	CR
	PREREQ *AD 110A				
1	08.30-11.20	M W	MI	108	
146A	FREEHAND ARCH GRAPH			03.0	CR
1	12.30-01.20	T TH	MI	108	
146B	FREEHAND ARCH GRAPH			03.0	CR
1	08.30-11.20	W	MI	113	
	08.30-11.20		F	MI	108
147	HISTORY ARCHITECT			03.0	CR
1	11.30-12.20	M W F	MI	112	
250A	MATERIALS & METHODS			04.0	CR
1	07.30-11.20	T TH	MI	108	
	11.30-12.20	T	MI	112	

### Aviation Technology (\*AT)

105	AIRCRAFT INSTRUMENTS			04.0	CR
1	01.30-02.20	T TH	AVTECH	106	
	12.30-02.20	T TH	AVTECH	128	
107	FABRIC-WOOD-DOPING			04.0	CR
1	08.30-10.20	W	AVTECH	131	
	11.30-12.20	T TH	AVTECH	116	
	12.30-03.20	T TH	AVTECH	131	
110	AIRC STRUCT-FAB&REP			06.0	CR
1	07.30-08.20	F	AVTECH	132	RICH
	03.30-04.20	T TH	AVTECH	106	
111	MATERIALS & PROCESS			05.0	CR
1	12.30-01.20	MTWTHF	AVTECH	117	
	01.30-03.20	M W F	AVTECH	135	
112	AIRCRAFT ELECT-BASIC			06.0	CR
1	07.30-08.20	MTWTHF	AVTECH	106	CAROSA
	08.30-10.20	M W F	AVTECH	127	
203	AERODYNAMICS			04.0	CR
1	08.30-11.20	M F	AVTECH	117	CANNON
204	AIRCRAFT HYDRAULICS			04.0	CR
1	07.30-08.20	M W F	AVTECH	117	
	08.30-10.20	M F	AVTECH	132	
205	CABIN ENVIRON - PAC			03.0	CR
1	07.30-08.20	T TH	AVTECH	116	
	08.30-11.20	W	AVTECH	135	
209	WT BALANCE INSPECT			06.0	CR
1	07.30-09.20 PM	M W F	AVTECH	131	
	10.30-11.20	MTWTHF	AVTECH	106	
210	AIRCRAFT IGNITION			04.0	CR
1	09.30-11.20	M W F	AVTECH	128	CANNON
	12.30-01.20	M W F	AVTECH	116	
211	RECIPROCAT PWRPLNTS			05.0	CR
1	07.30-08.20	M W F	AVTECH	116	
	08.30-11.20	M W F	AVTECH	134	BURKEY
212	CARBURETION & LUB			05.0	CR
1	07.30-11.20	T TH	AVTECH	119	RICH
	12.30-01.20	M W F	AVTECH	106	RICH
214	PROPELLERS			03.0	CR

1	08.30-09.20	T TH	AVTECH	118	BURKEY
	11.30-12.20	M W F	AVTECH	106	BURKEY
215	PWRPLANT TEST&INSP			04.0	CR
	PREREQ 1ST,2ND, 5TH QTRS		CCURSES		
1	07.30-09.20	M W F	AVTECH	134	CANNON
	12.30-01.20	T TH	AVTECH	116	
216	JET PROPULSION			05.0	CR
1	01.30-02.20	MTWTH	AVTECH	116	DAROSA
	07.30-10.20	T TH	AVTECH	133	
220	JET TRANS AIR SYS			03.0	CR
1	12.30-01.20	T TH	AVTECH	106	SCHAFER
	01.30-02.20	TH	AVTECH	117	
	01.30-03.20	T	AVTECH	132	
230A	PRIVATE PILOT			02.0	CR
1	02.30-03.20	M W F			
230B	PRIVATE PILOT			01.0	CR
1	TO BE ARRANGED				
231	BASIC FLIGHT			03.0	CR
	PREREQ *AT 230				
1	TO BE ARRANGED				
232	INTERMEDIATE FLIGHT			03.0	CR
	PREREQ *AT 231				
1	TO BE ARRANGED				
233	ADVANCED FLIGHT			03.0	CR
	PREREQ *AT 232				
1	TO BE ARRANGED				
234	INSTRUMENT FLIGHT			03.0	CR
	PREREQ *AT 233				
1	TO BE ARRANGED				

#### **Automotive Technology (\*AUT)**

101A	AUTO LAB--ENG			05.0	CR
1	07.30-10.20	MTWTHF	L2	108	
125A	AUTO THE--ENGINES			05.0	CR
1	10.30-11.20	MTWTHF	L2	105	WILLEY

#### **Commercial Art (\*CA)**

101	ART ANALYSIS			03.0	CR
1	07.30-08.20	M W F	NI	107	
125	TECHNIQUES			10.0	CR
1	08.30-11.20	M W F	NI	107	
	07.30-11.20	T TH	NI	107	

#### **Corrections and Law Enforcement (\*CLE)**

103	INTRO CRIME CONT			04.0	CR
1	TO BE ARRANGED				
217	CORR ADM			03.0	CR
1	TO BE ARRANGED				

#### **Dental Hygiene (\*DH)**

140	DENTAL PHARMACOLOGY			02.0	CR
	PREREQ MUST BE TAKEN CONC. WITH 139				
	PREREQ *GEN 115				
1	11.30-12.20	M W	F1	110	SMITH
209	DENT HYG CLIN /S/			05.0	CR
	PREREQ SOPHMORE STATUS IN DENTAL				
	HYGIENE CONCENTRATION				
1	08.30-11.20	MTW F	F3	132	JOHNSON
	11.30-12.20	F	F1	110	PIERPONT
2	12.30-03.20	MTW F	F3	132	JOHNSON
	11.30-12.20	F	F1	110	PIERPONT
218A	CLIN DENT ROENTGEN			02.0	CR
	PREREQ *DH 132,137,*GEN 115 GSA 301				
	SOPH STNDING IN *DH				
1	08.30-10.20	TH	F1	110	BUSHEE
2	01.30-03.20	TH	F1	110	BUSHEE

**Data Processing (\*DP)**

101A	AUTO DATA PROC MACH			05.0	CR	
1	10.30-11.20	MTWTHF	H4	134	FITZPATRICK	
	11.30-12.20	MTWTHF	H4	133		
2	01.30-02.20	MTWTHF	H4	134	ROBB	
	02.30-03.20	MTWTHF	H4	133		
104	DP INFO			05.0	CR	
	PREREQ *DP 100A, 101					
1	09.30-11.20	MTWTHF	H4	233	DICK	
107	AUTO DP CONCEPTS			03.0	CR	
1	08.30-09.20	MTWTHF	H4	134		
109	PUNCHED CARD PREP			03.0	CR	
1	09.30-10.20	MTWTHF	H4	133		
201A	PRCG OPERATING SYS			05.0	CR	
	PREREQ DP 103A					
1	07.30-09.20	MTWTHF	H4	233		
207	DP FIELD PROJ			05.0	CR	
	PREREQ DP 201					
1	TO BE ARRANGED					STARKEY RICHARD D

**Dental Laboratory Technology (\*DT)**

113B	SCIENCE DENT MATLS			03.0	CR	
	PREREQ *GEN 115A					
1	08.30-11.20	TH	F3	128	LEEBENS	
2	01.30-04.20	TH	F3	128	LEEBENS	
125A	DENT PROSTH THEORY			03.0	CR	
1	08.30-09.20	M W F	F1	110	LEEBENS	

**Electronics Technology (\*ELT)**

101F	BASIC ELEC AP & SYS	02.0	TC	15.0	CR	
1	07.45-10.00 PM	T TH	M3	109		
125F	BASIC ELEC THEORY	02.0	TC	15.0	CR	
1	06.30-07.35 PM	T TH	M3	110		
127	BASIC TECH CONCEPTS			03.0	CR	
1	08.30-10.20	M W F	M3	110	CALDWELL	
139	COMPUTER SYST APPL			03.0	CR	
	PREREQ *ELT 225B					
1	08.30-11.20	MTWTHF	M3	110		
	12.30-03.20	MTWTHF	M3	110		
	AUG 9-AUG 20					

**General (\*GEN)**

102	TECHNICAL WRITING			03.0	CR	
1	11.30-12.20	M W F	L2	105	CUNNINGHAM	
2	01.30-02.20	M W F	H3	153	CUNNINGHAM	
103	ELEMENTARY MATH			00.0	CR	
1	12.30-01.20	MTWTH	H3	151		
105A	BUS & TECH MATH			03.0	CR	
	PREREQ SATISFACTORY ACT MATH SCGRE OR					
	*GEN 106					
1	09.30-10.20	M W F	H3	151		
2	11.30-12.20	M W F	H3	151		
105B	BUS & TECH MATH			03.0	CR	
	PREREQ SATISFACTORY ACT MATH SCGRE OR					
	*GEN 106					
1	01.30-02.20	M W F	H3	151		
2	02.30-03.20	M W F	H3	151		
3	03.30-04.20	M W F	H3	151		
201	JOB ORIENTATION			02.0	CR	
1	08.30-09.20	T TH	F1	112		

**Highway and Civil Technology (\*HCT)**

202A	COGP WORK EXPER			08.0	CR	
1	TO BE ARRANGED					BASSETT FRANKLIN

**Library and Audio-Visual Technology (\*LAV)**

111	CATALOG NONBOOK MAT			04.0	CR	
	PREREQ LAV 107, 109					
1	TO BE ARRANGED					WHITE



209A LIB INTERNSHIP 04.0 CR  
 PREREQ FIRST THREE QUARTERS  
 1 TO BE ARRANGED

WHITE

### Mortuary Science (\*MS)

101A FUNERAL HIST & CUST 03.0 CR  
 1 09.30-10.20 M W F L3 109  
 101B FUNERAL HIST & CUST 03.0 CR  
 1 10.30-11.20 M W F L3 109  
 275 FUNERAL SER INTERN 10.0 CR  
 PREREQ ALL OTHER REQMENTS OF MORTUARY  
 SCI CURR MUST MEET

BCULANGER

1 TO BE ARRANGED  
 280 FUNERAL SERVICE SEM 02.0 CR  
 PREREQ CONCURRENT REGISTRATION IN  
 \*MS 275  
 1 TO BE ARRANGED

HERTZ DONALD GORDON

HERTZ DONALD GORDON

### Machine Drafting and Design Technology (\*MT)

101A GRAPHICS 07.0 CR  
 1 08.30-11.20 MTWTHF MI 101  
 175A TECHNICAL DRAWING 03.0 CR  
 1 11.30-12.20 MTWTHF MI 101

BEAUCHAMP

BEAUCHAMP

### Practical Nursing (\*PN)

104 PRACT NURSING II 05.0 CR  
 PREREQ \*PN 103  
 1 08.00-12.00 F H9 101  
 01.00-04.00 F H9 101  
 140 CLINICAL NURSING 10.0 CR  
 PREREQ \*PN 130  
 1 TO BE ARRANGED

### Printing Technology (\*PT)

235 PRINT THEO & PRACY 02.0 CR  
 PREREQ N210A,B AND 230A,B  
 1 12.30-02.20 T TH L3 110

### Physical Therapy (\*PTH)

205 PHYS THERAPY SCIENC 03.0 CR  
 PREREQ PTH 100  
 1 05.45-07.25 W WHAM 203  
 221 CLINICAL INTERNSHIP 06.0 CR  
 PREREQ ALL REQUIREMENTS OF PROGRAM  
 1 TO BE ARRANGED  
 222 CLINICAL SEMINAR 02.0 CR  
 PREREQ CONCURRENT REGISTRATION IN PTH  
 221  
 1 TO BE ARRANGED

### Retailing, Cooperative (\*RET)

124 INTRO TO RETAILING 04.0 CR  
 1 09.30-10.20 MTWTH FI 112  
 176 PRODUCT ANALYSIS 03.0 CR  
 1 08.30-09.20 M W F FI 112  
 177A PRODUCT INFO LAB 05.0 CR  
 1 10.30-12.20 MTWTHF FI 112  
 201A CO-OP WORK EXP 08.0 CR  
 1 TO BE ARRANGED  
 2 TO BE ARRANGED  
 208A FASHION MERCH 04.0 CR  
 1 09.30-10.20 MTWTH H3 153  
 215 MARKETING PROBLEMS 04.0 CR  
 1 11.30-12.20 MTWTH L2 102  
 280 RETAIL CRED & COL 03.0 CR  
 1 10.30-11.20 M WTH H3 153

SODERSTROM RUTH

SODERSTROM RUTH

SODERSTROM RUTH

**Secretarial (\*SCR)**

101A	TYPEWRITING			03.0	CR	
1	08.30-09.20	MTWTHF	FI	121		NORMAN
101C	TYPEWRITING			03.0	CR	
1	07.00-09.30 PM	M W	F1	107		
107	FILING & DUPLICTG			03.0	CR	
	PREREQ 101A OR CONSENT OF ADVISER					
1	10.30-11.20	MTWTHF	FI	102		NORMAN
2	03.30-04.20	MTWTHF	FI	102		
3	06.30-09.00 PM	T TH	F1	103		
205A	TYPEWRITING			03.0	CR	
1	03.30-04.20	MTWTHF	F1	107		MIRIANI
214A	COOP SEC EXP			02.0 TO 05.0	CR	
	PREREQ *SCR 104C					
1	TO BE ARRANGED					
224	LEGAL SHORTHAND			06.0	CR	
1	TO BE ARRANGED					

**Tool and Manufacturing Technology (\*TT)**

101A	M TOCL LAB-ENG BEN			05.0	CR	
1	08.30-11.20	MTWTHF	LI	101		
176A	MANUFACTURING PROC			03.0	CR	
1	12.30-01.20	M W F	M1	107		MUHICH





Southern  
Illinois  
University  
Bulletin

Fall / 1971  
Schedule of Classes  
Carbondale





## **This Bulletin**

contains the schedule of classes to be offered by Southern Illinois University at Carbondale for the fall quarter, 1971, at Carbondale, Southern Acres, and Little Grassy Lake. It also provides information relative to admission, advisement, registration, and fees.

Southern  
Illinois  
University  
Bulletin

Fall /1971  
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Carbondale

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# Registration Calendar

## Fall Quarter, 1971

**Monday, April 19–Saturday, June 12; Friday, July 2–Saturday, September 11; and Monday, September 20–Thursday, September 30**

Registration and program change period for graduate students. No graduate student will be admitted or readmitted on September 20, 21, and 22.

**Monday, April 12–Friday, May 28 and Wednesday, June 30–Friday, August 27**

Advanced registration period for all undergraduate students. New students should refer to the Advisement and Registration procedure on page 1 for further procedural information.

ALL CONTINUING UNDERGRADUATE STUDENTS ARE EXPECTED TO BE REGISTERED BY AUGUST 27. Only continuing students may register for fall during the spring quarter.

**Wednesday, September 1**

Undergraduate students will have their advanced registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have received approval for deferred payment.

### **Beginning-of-the-Quarter Activities for Undergraduates**

The dates listed below from September 18 through September 24 are for undergraduates. Graduate students may register through the Graduate School through the second Friday of the quarter.

*Saturday, September 18*

Residence Halls open.

Advisement and registration of ALL new students. All advisement centers and pertinent offices will be open for processing of new transfer students. Offices will remain open as long as it takes to process the students. All new students are expected to be advised and registered by this date.

*Sunday, September 19*

New student orientation starts.

*Monday, September 20*

New student orientation continues. New students will NOT be advised or registered on this day.

Advisement and registration for all re-entry and continuing students not yet registered.

This date will constitute the LAST DAY of regular registration for all undergraduate students. Registrations after this date will involve a late fee payment.

*Tuesday, September 21*

Advisement and registration open only for program changes.

Night classes start (5:45 P.M. or later).

(continued)



*Wednesday, September 22*

Day classes start.

Advisement and registration open only for program changes.

*Thursday, September 23*

Registration and program changes for anyone.

*Friday, September 24*

Last day to register or make program changes in which a course is added or a section is changed. *Registration ends at noon. A student who wants either to register or to add a course after this date must receive approval from the dean of his academic unit.* Exceptions will be made for students through Tuesday, September 28, who have either a conflict causing them to need to change a section or who are involved with a cancelled class, causing them to make a change. In these instances the student will be processed through registration and given a letter from this office to the instructor allowing him into class late. A dean's permission will not be necessary for program changes based upon these two reasons which are made on Monday and Tuesday, September 27 and 28.

**Monday, September 27**

Registration activities returned to Woody Hall.

**Thursday, September 30**

Deadline for payment of fees by students whose fees were deferred. Graduate students registration will be cancelled if fees are not paid by 4:00 P.M.

**Monday, October 4**

Last day officially to withdraw from school to be eligible for a refund of fees.

**Monday, October 18**

Last day for undergraduates to officially withdraw from a course without receiving a letter grade.

Graduate students officially dropping a course after this date need not be given an evaluative letter grade.

Last day to change from credit to audit or vice versa for all students.

**Wednesday, December 1**

Last day for making a program change or withdrawing from school except under exceptional circumstances.

# Calendar of Events

## September

- |            |   |
|------------|---|
| 3, Friday  | National Funeral Board Examination          |
| 17, Friday | American College Testing Program (Residual) |

## October

- |              |  |
|--------------|--|
| 9, Saturday  | Graduate School Foreign Language Test            |
| 16, Saturday | American College Testing Program (National)      |
| 16, Saturday | Law School Admission Test                        |
| 16, Saturday | Medical College Admission Test                   |
| 23, Saturday | Graduate Record Examination                      |
| 25, Monday   | Test of English as a Foreign Language (Residual) |

## November

- |              |   |
|--------------|---|
| 6, Saturday  | Admission Test for Graduate Study in Business |
| 13, Saturday | National Teacher Examination                  |

## December

- |              |   |
|--------------|---|
| 11, Saturday | Graduate Record Examination                 |
| 11, Saturday | American College Testing Program (National) |
| 18, Saturday | Law School Admission Test                   |

For all of the above, pre-registration is required. Applicants should contact the Counseling and Testing Center for details at least 4 weeks before the test.

# University Calendar

*SPRING, 1971* Quarter Begins Monday, March 29 \*  
 Memorial Day Holiday Monday, May 31  
 Final Examinations Saturday–Friday, June 5–11  
 Commencement (Edwardsville) Friday, June 11  
 Commencement (Carbondale) Saturday, June 12

*SUMMER, 1971* Quarter Begins Monday, June 21 \*  
 Independence Day Holiday Monday, July 5  
 Final Examinations Monday–Friday, August 30–  
 September 3  
 Commencement (Edwardsville) Friday, September 3  
 Commencement (Carbondale) Saturday, September 4

*FALL, 1971* New Student Days Sunday–Tuesday, September 19–21  
 Quarter Begins Tuesday, September 21 \*  
 Thanksgiving Vacation Tuesday, 10 P.M.–Monday,  
 8 A.M., November 23–29  
 Final Examinations Saturday–Friday, December 11–17

*WINTER, 1972* Quarter Begins Monday, January 3 \*  
 Washington's Birthday Holiday Monday, February 21  
 Final Examinations Saturday–Friday, March 11–17

*SPRING, 1972* Quarter Begins Monday, March 27 \*  
 Memorial Day Holiday Monday, May 29  
 Final Examinations Saturday–Friday, June 3–9  
 Commencement (Carbondale) Friday, June 9  
 Commencement (Edwardsville) Saturday, June 10

*SUMMER, 1972* Quarter Begins Monday, June 19 \*  
 Independence Day Holiday Tuesday, July 4  
 Final Examinations Monday–Friday, August 28–  
 September 1  
 Commencement (Carbondale) Friday, September 1  
 Commencement (Edwardsville) Saturday, September 2

*FALL, 1972* New Student Days Sunday–Tuesday, September 17–19  
 Quarter Begins Tuesday, September 19 \*  
 Thanksgiving Vacation Tuesday, 10 P.M.–Monday,  
 8 A.M., November 21–27  
 Final Examinations Saturday–Friday, December 9–15

*WINTER, 1973* Quarter Begins Tuesday, January 2 \*  
 Washington's Day Holiday Monday, February 19  
 Final Examinations Saturday–Friday, March 10–16

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\* Classes begin with the evening classes after 5:30 P.M. at Carbondale and with the evening classes after 4:30 P.M. at Edwardsville.



# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the fall quarter, 1971, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## **Admission**

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## **Registration and Advisement**

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the Graduate School, where all registration forms will be completed and retained. Graduate students will not be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. No late fee will be assessed during this period. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday, and from 8:30 to 11:30 A.M. on Saturday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses he is to take.

Mere attendance does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for



asking that a program change be approved permitting registration in that class.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University as evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Registrar's Office.

New graduate students may register during the registration periods indicated on the registration calendars. Arrangements should be cleared with the Graduate School to do so to assure that the appropriate adviser will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but not during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admissions Office for undergraduate students and Graduate School for graduate students) advisement appointments should be made at the advisement offices of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University will schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students preparing for a degree program should contact the departmental adviser for pre-advisement. Unclassified graduate students in other categories may report directly to the Graduate School for registration procedure. Unclassified students who are planning to take qualifying courses must report those courses to the Graduate Admissions office *before* registering each quarter.

### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Admissions

Office at Carbondale either an official transcript of their University record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the Admissions Office is to permit the necessary coding changes to be made so that pertinent information about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

### Payment of Fees

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Certificate of Registration at that time. When fees are paid by mail the Certificate will be mailed to the address given by the student on the back of his fee statement. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times.

Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on Thursday, September 30.

### Fees for a Regular Quarter

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Tuition Fee—Illinois Resident . . . . .	\$ 48.00	\$ 95.00	\$143.00
Tuition Fee—Out-of-State Resident . . . .	(143.00)	(286.00)	(429.00)
Student Welfare and Recreation			
Building Trust Fund Fee . . . . .	5.00	10.00	15.00
Book Rental Fee . . . . .	3.00	6.00	8.00
Student Activity Fee . . . . .	3.50	7.00	10.50
University Center Fee . . . . .	5.00	5.00	5.00
Athletic Fund Fee . . . . .	3.00	6.50	10.00
<i>Total</i> —Illinois Resident . . . . .	\$ 67.50	\$129.50	\$191.50
<i>Total</i> —Out-of-State Resident . . . . .	(162.50)	(320.50)	(477.50)

Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week.

Graduate students do not rent their textbooks and do not pay the book rental fee. They must purchase their books.

Students having special fee status, such as scholarship holders, faculty, and staff, will pay fees according to their particular status.

The activity fee is prorated according to the number of hours carried.

Health Service benefits vary according to the amount paid. In certain instances graduate assistants, research assistants, graduate fellows, or students on fee code 27 may seek permission from the health service to pay the full activity fee even though they are only part time students. Written consent from the Health Service must be presented at the time of registration so that the student may be properly assessed.

### **Late Registration**

A late registration fee will be charged any undergraduate student registering after the date specified in the Registration Calendar. Graduate students will not be charged a late fee if they register within the period indicated in the Registration Calendar.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on their record cards maintained in the Registrar's Office. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

### **Program Changes**

Students are officially registered only for those courses appearing on their schedule of classes. Any change therefrom can be made only after fees are paid and must be made through an official program change, which includes the following steps:

1. **Initiating the change.**

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the Graduate School. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. **Registration.**

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

### ***Dropping a Course***

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is the last day of the fourth week of a quarter. Graduate students may not necessarily receive a grade for dropping after the fourth week. (Refer to Registration Calendar.)



## *Changing Fee Status*

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

## **Withdrawing from School**

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Registrar's Office to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by Monday, October 4.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Registrar's Office in person or by writing to the Dean of Student Services. This must be done by the end of the first two weeks, if he expects to get a refund.

## **Cancellation of Registration**

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register due to scholastic reasons. The same situation may exist due to financial or disciplinary reasons if certified to the Registrar by the Dean of Student Services.

## **Personal Data Changes**

At the time of registration students are asked to review a Biographic Data Sketch containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

1. *Local Address Change*.—Housing Office, Graduate School, Registrar's Office, Registration Center, or VTI Office.
2. *Name Change, Marital Status Change, Date of Birth Change*.—Records section of the Registrar's Office. Verification is required.
3. *Selective Service Data Change or Information*.—Registration Center.
4. *Legal Residence Change* (whether an Illinois or out-of-state resident).—Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Registrar's Office. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.





# 2 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used

in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	NKRS A:	James W. Neckers Building A
AG:	Agriculture Building	NKRS B:	James W. Neckers Building B
ALLYN:	Allyn Building	NKRS C:	James W. Neckers Building C
ALTG:	Altgeld Hall	PIERCE:	Pierce Hall (T.P.)
ARENA:	SIU Arena	PULL:	Pulliam Hall (University School)
BAILEY:	Bailey Hall (T.P.)	PULL I:	Pulliam Hall (Industrial Education Wing)
BOAT:	Boat Dock	PULL P:	Pulliam Hall (Physical Education Wing)
BROWN:	Brown Hall (T.P.)	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FELTS:	Felts Hall (T.P.)	TECH B:	Technology Building B
GYM:	Gymnasium	TECH D:	Technology Building D
HDBALL:	Handball Courts	TENNIS:	Tennis Courts
H EC:	Home Economics Building	U CTR:	University Center
LAWSON:	Lawson Hall	WARREN:	Warren Hall (T.P.)
LAKE:	Lake on the Campus	WHAM:	Wham Education Building
LIB:	Morris Library	WHLR:	Wheeler Hall
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant (Building 56)		
OBF:	Old Baptist Foundation		
PARK:	Parkinson Building		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0483	1002 S. Elizabeth
0412	907 S. Forest	0485	1006 S. Elizabeth
0415	807 S. Forest	0487	1010 S. Elizabeth
0429	1009 S. Elizabeth	0551	CESL
0431	1007 S. Elizabeth	0552	CESL
0432	1005 S. Elizabeth	0555	Thompson at Grand
0436	908 S. Forest	0685	506 S. Graham
0437	904 S. Forest	0686	511 S. Graham
0438	900 S. Forest	0701	801 S. Washington
0442	903 S. Elizabeth	0720	Corner of Washington and Park St.
0448	814 S. Forest	0721	East of 0720 on Park St.
0451	810 S. Forest	0725	207 E. Pearl
0452	808 S. Forest	0742	204 E. Park
0453	806 S. Forest	0744	208 E. Park
0461	811 S. Elizabeth	0809	South of President's Office
0465	804 S. Elizabeth		
0481	910 S. Elizabeth		
0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory		
0832	Journalism—next to 0831 (above)		
0833	Journalism Annex—next to 0832 (above)		
0834	Cinema and Photography—next to 0833 (above)		
0842	West of the Agriculture Building's north wing		
0843	Next to 0842 (above)		
0857	Department of Design—east of the Communications Building on Lincoln Drive		

- 0861 General Classrooms—southeast of the Communications Building on Lincoln Drive
- 0862 General Classrooms—next to 0861 (above)
- 0864 Northwest of the Agriculture Building's north wing
- 0865 Next to 0864 (above)
- 0871 General Classrooms—southeast of the Communications Building on Lincoln Drive
- 0875 General Classrooms—next to 0871
- 0889 901 West Chautauqua

### **Explanation of Entries**

The entry for each course is arranged as follows:

First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.

Second Line: The prerequisite (if applicable).

Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.

# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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## General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101A	INTRO-PHYS SCIENCE		04.0 CR	
1	08.00	MTW F	PARK 124	
2	08.00	MTW F	PARK 124	
3	08.00	MTW F	PARK 124	
4	09.00	M WTHF	PARK 124	
5	09.00	M WTHF	PARK 124	
6	09.00	M WTHF	PARK 124	
7	11.00	T THF	PARK 124	
	10.00-11.50	TH	PARK 317	
8	11.00	T THF	PARK 124	
	08.00-09.50	W	PARK 317	
9	11.00	T THF	PARK 124	
	08.00-09.50	F	PARK 317	
10	12.00	M W F	PARK 124	
	02.00-03.50	T	PARK 317	
11	12.00	M W F	PARK 124	
	02.00-03.50	M	PARK 317	
12	12.00	M W F	PARK 124	
	02.00-03.50	M	PARK 200	
13	12.00	M W F	PARK 124	
	04.00-05.50	T	PARK 317	
14	01.00	M W F	PARK 124	
	10.00-11.50	W	PARK 200	
15	01.00	M W F	PARK 124	
	10.00-11.50	F	PARK 200	
16	01.00	M W F	PARK 124	
	10.00-11.50	T	PARK 200	
17	01.00	T TH	PARK 124	
	02.00-03.50	W	PARK 317	
	03.00	M	PARK 308	
18	01.00	T TH	PARK 124	
	02.00-03.50	W	PARK 200	
	03.00	M	PARK 308	
19	01.00	T TH	PARK 124	
	02.00-03.50	F	PARK 200	
	03.00	M	PARK 308	
20	01.00	M W F	PARK 124	
	02.00-03.50	T	PARK 200	
21	02.00	M W F	PARK 124	
	02.00-03.50	TH	PARK 200	
22	02.00	M W F	PARK 124	
	06.00-07.50 PM	T	PARK 317	
23	02.00	M W F	PARK 124	
	06.00-07.50 PM	TH	PARK 317	
24	02.00	T TH	PARK 124	
	12.00-01.50	M	PARK 317	
	03.00	W	PARK 308	
25	02.00	T TH	PARK 124	
	12.00	F	PARK 317	
	03.00	W	PARK 308	
26	02.00	T TH	PARK 124	
	08.00-09.50	W	PARK 317	
	03.00	W	PARK 308	
27	02.00	M W F	PARK 124	
	04.00-05.50	TH	PARK 317	
28	03.00	T TH	PARK 124	
	12.00-01.50	M	PARK 200	
	03.00	F	PARK 308	
29	03.00	T TH	PARK 124	
	08.00-09.50	T	PARK 317	
	03.00	F	PARK 308	

30	03.00	T TH	PARK	124	
	10.00-11.50	TH	PARK	200	
	03.00	F	PARK	308	
31	04.00	M W F	PARK	124	
	08.00-09.50	TH	PARK	317	
32	04.00	M W F	PARK	124	
	10.00-11.50	T	PARK	317	
33	04.00	M W F	PARK	124	
	02.00-03.50	TH	PARK	317	
34	06.00-07.25 PM	M W	PARK	124	
	12.00-01.50	T	PARK	200	
35	06.00-07.25 PM	M W	PARK	124	
	12.00-01.50	TH	PARK	317	
36	06.00-07.25 PM	M W	PARK	124	
	12.00-01.50	TH	PARK	200	
101B	INTRO-PHYS SCIENCE		04.0	CR	
1	02.00	MT THF	NKRS B	240	
	02.00	W	NKRS C	116	
2	06.00-07.40 PM	T TH	NKRS B	240	
	03.00	T	NKRS C	116	
102A	SPACE SCIENCE		04.0	CR	
1	10.00	TWTHF	LAWSON	121	
2	02.00	MTWTH	LAWSON	121	
105A	MOL BASIS-MAT&LIFE		04.0	CR	
1	09.00	M W F	NKRS B	240	
	08.00-09.50	T	NKRS C	118	
2	09.00	M W F	NKRS B	240	
	08.00-09.50	T	NKRS C	118	
3	09.00	M W F	NKRS B	240	
	08.00-09.50	TH	NKRS C	118	
4	09.00	M W F	NKRS B	240	
	08.00-09.50	TH	NKRS C	118	
5	09.00	M W F	NKRS B	240	
	08.00-09.50	S	NKRS C	118	
6	09.00	M W F	NKRS B	240	
	08.00-09.50	S	NKRS C	118	
7	01.00	M W F	NKRS B	240	
	01.00-02.50	T	NKRS C	118	
8	01.00	M W F	NKRS B	240	
	01.00-02.50	T	NKRS C	118	
9	01.00	M W F	NKRS B	240	
	12.00-01.50	TH	NKRS C	118	
10	01.00	M W F	NKRS B	240	
	12.00-01.50	TH	NKRS C	118	
11	01.00	M W F	NKRS B	240	
	02.00-03.50	TH	NKRS C	118	
12	01.00	M W F	NKRS B	240	
	02.00-03.50	TH	NKRS C	118	
110A	EARTH ENVIRONMENT		04.0	CR	
1	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	10.00-11.50	M	PARK	213	
2	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	12.00-01.50	M	PARK	213	
3	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	02.00-03.50	M	PARK	213	
4	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	10.00-11.50	T	PARK	213	
5	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	12.00-01.50	T	PARK	213	
6	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	10.00-11.50	W	PARK	213	
7	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	02.00-03.50	TH	PARK	213	
8	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	10.00-11.50	TH	PARK	213	
9	08.00	MT TH	LAWSON	141	BERTONI LOUIS
	10.00-11.50	F	PARK	213	
10	10.00	M W F	WHAM	105	BERTONI LOUIS
	08.00-09.50	M	PARK	213	
11	10.00	M W F	WHAM	105	BERTONI LOUIS
	08.00-09.50	W	PARK	213	



12	10.00	M W F	WHAM	105	BERTONI LOUIS
	08.00-09.50	F	PARK	213	
13	10.00	M W F	WHAM	105	BERTONI LOUIS
	08.00-09.50	T	PARK	213	
14	10.00	M W F	WHAM	105	BERTONI LOUIS
	02.00-03.50	T	PARK	213	
15	10.00	M W F	WHAM	105	BERTONI LOUIS
	12.00-01.50	W	PARK	213	
16	10.00	M W F	WHAM	105	BERTONI LOUIS
	12.00-01.50	TH	PARK	213	
17	10.00	M W F	WHAM	105	BERTONI LOUIS
	08.00-09.50	TH	PARK	213	
18	10.00	M W F	WHAM	105	BERTONI LOUIS
	02.00-03.50	F	PARK	213	
19	03.00	T THF	LAWSON	141	
	12.00-01.50	F	PARK	213	
20	03.00	T THF	LAWSON	141	
	04.00-05.50	M	PARK	213	
21	03.00	T THF	LAWSON	141	
	04.00-05.50	T	PARK	213	
22	03.00	T THF	LAWSON	141	
	02.00-03.50	W	PARK	213	
23	03.00	T THF	LAWSON	141	
	04.00-05.50	W	PARK	213	
24	03.00	T THF	LAWSON	141	
	04.00-05.50	TH	PARK	213	
25	03.00	T THF	LAWSON	141	
	04.00-05.50	F	PARK	213	
26	03.00	T THF	LAWSON	141	
	06.00-07.50 PM	T	PARK	213	
27	03.00	T THF	LAWSON	141	
	06.00-07.50 PM	TH	PARK	213	
28	06.00-07.25 PM	T TH	LAWSON	171	
	06.00-07.50 PM	M	PARK	213	
29	06.00-07.25 PM	T TH	LAWSON	171	
	08.00-09.50 PM	M	PARK	213	
30	06.00-07.25 PM	T TH	LAWSON	171	
	08.00-09.50 PM	T	PARK	213	
31	06.00-07.25 PM	T TH	LAWSON	171	
	06.00-07.50 PM	W	PARK	213	
32	06.00-07.25 PM	T TH	LAWSON	171	
	08.00-09.50 PM	W	PARK	213	
33	06.00-07.25 PM	T TH	LAWSON	171	
	08.00-09.50 PM	TH	PARK	213	
34	06.00-07.25 PM	T TH	LAWSON	171	
	08.00-09.50	S	PARK	213	
35	06.00-07.25 PM	T TH	LAWSON	171	
	10.00-11.50	S	PARK	213	
110B	EARTH ENVIRONMENT		04.0 CR		
1	12.00	T	LAWSON	151	FRANK
	02.00-03.50	M	PARK	206	
2	12.00	T	LAWSON	151	UTGAARD
	08.00-09.50	M	PARK	206	
3	12.00	T	LAWSON	151	UTGAARD
	08.00-09.50	T	PARK	206	
4	12.00	T	LAWSON	151	FRANK
	03.00-04.50	T	PARK	206	
5	12.00	T	LAWSON	151	FRANK
	12.00-01.50	W	PARK	206	
6	12.00	T	LAWSON	151	UTGAARD
	10.00-11.50	TH	PARK	206	
7	12.00	T	LAWSON	151	FRANK
	02.00-03.50	TH	PARK	206	
8	12.00	T	LAWSON	151	FRANK
	06.00-07.50 PM	TH	PARK	206	
9	12.00	T	LAWSON	151	FRANK
	10.00-11.50	F	PARK	206	
10	12.00	T	LAWSON	151	FRANK
	08.00-09.50	S	PARK	206	

SECTIONS 1-10 ARE LECT-LAB GROUPS

11	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	02.00-03.50	M	PARK	205	
12	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	11.00-12.50	M	PARK	205	
13	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	06.00-07.50 PM	T	PARK	205	
14	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	01.00-02.50	T	PARK	205	
15	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	08.00-09.50	T	PARK	205	
16	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	04.00-05.50	W	PARK	205	
17	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	06.00-07.50 PM	W	PARK	205	
18	01.00	T TH	LAWSON	151	HARRIS
	08.00-09.50	TH	PARK	205	
	01.00	F	LAWSON	161	
19	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	01.00-02.50	TH	PARK	205	
20	01.00	T TH	LAWSON	151	HARRIS
	01.00	F	LAWSON	161	
	10.00-11.50	F	PARK	205	
SECTIONS 11-20 ARE INQUIRY GROUPS					
201A	INTRODUCT BIOLOGY			04.0	CR
	PREREQ	GSA FIRST LEVEL			
1	09.00	M W F	LS I	133	
	10.00-11.50	M	LS I	208	
2	09.00	M W F	LS I	133	
	12.00-01.50	M	LS I	208	
3	09.00	M W F	LS I	133	
	08.00-09.50	T	LS I	208	
4	09.00	M W F	LS I	133	
	12.00-01.50	T	LS I	208	
5	09.00	M W F	LS I	133	
	08.00-09.50	TH	LS I	208	
6	09.00	M W F	LS I	133	
	10.00-11.50	TH	LS I	208	
7	09.00	M W F	LS I	133	
	06.00-07.50 PM	TH	LS I	208	
8	09.00	M W F	LS I	133	
	12.00-01.50	F	LS I	208	
9	01.00	M W F	LS I	133	
	02.00-03.50	M	LS I	209	
10	01.00	M W F	LS I	133	
	06.00-07.50 PM	M	LS I	209	
11	01.00	M W F	LS I	133	
	10.00-11.50	T	LS I	209	
12	01.00	M W F	LS I	133	
	12.00-01.50	T	LS I	209	
13	01.00	M W F	LS I	133	
	06.00-07.50 PM	T	LS I	209	
14	01.00	M W F	LS I	133	
	12.00-01.50	TH	LS I	209	
15	01.00	M W F	LS I	133	
	02.00-03.50	TH	LS I	209	
16	01.00	M W F	LS I	133	
	10.00-11.50	F	LS I	209	

GSA 201A - An invitational "Honors Lab" will be formed,  
3:00-4:50, Monday.

# GSA

2018	INTRODUCT BIOLOGY			04.0 CR
	PREREQ	GSA 201A		
1	09.00	T TH	LS I	133
	12.00-01.50	M F	LS I	211
2	09.00	T TH	LS I	133
	02.00-03.50	M F	LS I	211
3	09.00	T TH	LS I	133
	10.00-11.50	T TH	LS I	211
4	09.00	T TH	LS I	133
	12.00-01.50	T TH	LS I	211
5	09.00	T TH	LS I	133
	02.00-03.50	T TH	LS I	211
6	09.00	T TH	LS I	133
	06.00-07.50 PM	T TH	LS I	211
7	09.00	T TH	LS I	133
	08.00-09.50	W F	LS I	211
8	09.00	T TH	LS I	133
	10.00-11.50	W F	LS I	211
9	01.00	T TH	LS I	133
	12.00-01.50	M F	LS I	213
10	01.00	T TH	LS I	133
	02.00-03.50	M F	LS I	213
11	01.00	T TH	LS I	133
	08.00-09.50	T TH	LS I	213
12	01.00	T TH	LS I	133
	10.00-11.50	T TH	LS I	213
13	01.00	T TH	LS I	133
	02.00-03.50	T TH	LS I	213
14	01.00	T TH	LS I	133
	06.00-07.50 PM	T TH	LS I	213
15	01.00	T TH	LS I	133
	08.00-09.50	W F	LS I	213
16	01.00	T TH	LS I	133
	10.00-11.50	W F	LS I	213

GSA 201B - An invitational "Honors Lab" will be formed,  
4:00-5:50, Tuesday and Thursday.

210A	INTRO ENVIRON BIOL			04.0 CR
	PREREQ	GSA FIRST LEVEL		
1	09.00	T THF	WHAM	105 PETERSEN
	08.00	M	LS I	307
2	09.00	T THF	WHAM	105 PETERSEN
	10.00	M	LS I	307
3	09.00	T THF	WHAM	105 PETERSEN
	11.00	M	LS I	307
4	09.00	T THF	WHAM	105 PETERSEN
	01.00	M	LS I	307
5	09.00	T THF	WHAM	105 PETERSEN
	01.00	T	LS I	307
6	09.00	T THF	WHAM	105 PETERSEN
	02.00	M	LS I	307
7	09.00	T THF	WHAM	105 PETERSEN
	03.00	M	LS I	307
8	09.00	T THF	WHAM	105 PETERSEN
	04.00	M	LS I	307
9	09.00	T THF	WHAM	105 PETERSEN
	05.00	M	LS I	307
10	09.00	T THF	WHAM	105 PETERSEN
	07.00-08.00 PM	M	LS I	307
11	09.00	T THF	WHAM	105 PETERSEN
	08.00	T	LS I	307
12	09.00	T THF	WHAM	105 PETERSEN
	09.00	W	LS I	307
13	01.00	M W F	LAWSON	141
	03.00	W	LS I	307
14	01.00	M W F	LAWSON	141
	07.00-08.00 PM	W	LS I	307
15	01.00	M W F	LAWSON	141
	09.00	TH	LS I	307
16	01.00	M W F	LAWSON	141
	12.00	TH	LS I	307

17	01.00		M W F	LAWSON	141
	02.00		TH	LS I	307
18	01.00		M W F	LAWSON	141
	04.00		TH	LS I	307
19	01.00		M W F	LAWSON	141
	06.00-07.00 PM		TH	LS I	307
20	01.00		M W F	LAWSON	141
	07.00-08.00 PM		TH	LS I	307
21	01.00		M W F	LAWSON	141
	09.00		F	LS I	307
22	01.00		M W F	LAWSON	141
	10.00		F	LS I	307
23	01.00		M W F	LAWSON	141
	11.00		F	LS I	307
24	01.00		M W F	LAWSON	141
	01.00		TH	LS I	307
25	04.00		MT TH	WHAM	105
	10.00		T	LS I	307
26	04.00		MT TH	WHAM	105
	11.00		T	LS I	307
27	04.00		MT TH	WHAM	105
	02.00		T	LS I	307
28	04.00		MT TH	WHAM	105
	04.00		W	LS I	307
29	04.00		MT TH	WHAM	105
	04.00		F	LS I	307
30	04.00		MT TH	WHAM	105
	03.00		T	LS I	307
31	04.00		MT TH	WHAM	105
	09.00		M	LS I	307
32	04.00		MT TH	WHAM	105
	06.00	PM	T	LS I	307
33	04.00		MT TH	WHAM	105
	08.00		W	LS I	307
34	04.00		MT TH	WHAM	105
	09.00		T	LS I	307
35	04.00		MT TH	WHAM	105
	11.00		W	LS I	307
36	04.00		MT TH	WHAM	105
	01.00		W	LS I	307
210B	INTRO ENVIRON BIOL			04.0 CR	
	PREREQ	GSA 210A			
1	12.00		M W F	H EC	140B
	12.00		W	LS I	326
2	12.00		M W F	H EC	140B
	02.00		F	LS I	326
3	12.00		M W F	H EC	140B
	03.00		T	LS I	326
4	12.00		M W F	H EC	140B
	04.00		F	LS I	326
5	12.00		M W F	H EC	140B
	02.00		M	LS I	326
6	12.00		M W F	H EC	140B
	09.00		S	LS I	326
7	12.00		M W F	H EC	140B
	10.00		M	LS I	326
8	12.00		M W F	H EC	140B
	10.00		T	LS I	326
9	03.00		M W F	LAWSON	151
	10.00		W	LS I	326
10	03.00		M W F	LAWSON	151
	07.00-08.00 PM		T	LS I	326
11	03.00		M W F	LAWSON	151
	02.00		W	LS I	326
12	03.00		M W F	LAWSON	151
	04.00		W	LS I	326
13	03.00		M W F	LAWSON	151
	12.00		T	LS I	326
14	03.00		M W F	LAWSON	151
	12.00		TH	LS I	326

15	03.00	M W F	LAWSON	151	
	10.00	TH	LS I	326	
16	03.00	M W F	LAWSON	151	
	11.00	TH	LS I	326	
17	03.00	M W F	LAWSON	151	
	01.00	TH	LS I	326	
18	03.00	M W F	LAWSON	151	
	03.00	TH	LS I	326	
19	03.00	M W F	LAWSON	151	
	08.00	F	LS I	326	
20	03.00	M W F	LAWSON	151	
	01.00	F	LS I	326	
299A	SURVIVAL OF MAN		04.0	CR	
1	10.00	MT TH	LAWSON	151	
	08.00	TH	PARK	301	
2	10.00	MT TH	LAWSON	151	
	09.00	TH	AG	144	
3	10.00	MT TH	LAWSON	151	
	01.00	W	AG	220	
4	10.00	MT TH	LAWSON	151	
	12.00	W	PULL	39	
5	10.00	MT TH	LAWSON	151	
	11.00	W	AG	152	
6	10.00	MT TH	LAWSON	151	
	12.00	TH	AG	154	
7	10.00	MT TH	LAWSON	151	
	03.00	TH	NKRS C	116	
8	10.00	MT TH	LAWSON	151	
	02.00	W	BROWN	130	
9	10.00	MT TH	LAWSON	151	
	04.00	TH	PARK	301	
10	10.00	MT TH	LAWSON	151	
	04.00	W	PULL	41	
299B	SURVIVAL OF MAN		04.0	CR	
1	02.00	MT TH	LAWSON	151	
	08.00	W	PULL	41	
2	02.00	MT TH	LAWSON	151	
	09.00	TH	0861	101	
3	02.00	MT TH	LAWSON	151	
	11.00	TH	AG	216	
4	02.00	MT TH	LAWSON	151	
	12.00	TH	AG	188	
5	02.00	MT TH	LAWSON	151	
	12.00	W	PULL	41	
6	02.00	MT TH	LAWSON	151	
	01.00	W	ABBOTT	129	
7	02.00	MT TH	LAWSON	151	
	01.00	TH	0871	101	
8	02.00	MT TH	LAWSON	151	
	02.00	W	0875	101	
9	02.00	MT TH	LAWSON	151	
	03.00	TH	LS II	450	
10	02.00	MT TH	LAWSON	151	
	04.00	W	AG	150	
301	PRIN OF PHYSIOLOGY		04.0	CR	
I	10.00	M W F	AG	102	GASS GEORGE HIRAM
	03.00-04.50	M	LS II	149	
2	10.00	M W F	AG	102	GASS GEORGE HIRAM
	11.00-12.50	T	LS II	149	
3	10.00	M W F	AG	102	GASS GEORGE HIRAM
	11.00-12.50	TH	LS II	149	
4	10.00	M W F	AG	102	GASS GEORGE HIRAM
	03.00-04.50	F	LS II	149	
5	10.00	M W F	AG	102	GASS GEORGE HIRAM
	12.00-01.50	M	LS II	149	
6	10.00	M W F	AG	102	GASS GEORGE HIRAM
	05.45-07.25	T	LS II	149	
7	10.00	M W F	AG	102	GASS GEORGE HIRAM
	08.00-09.50	W	LS II	149	
8	10.00	M W F	AG	102	GASS GEORGE HIRAM
	02.00-03.50	W	LS II	149	



9	01.00	M W F	NKRS B	440	STRACK LOUIS E
	05.45-07.25	TH	LS II	149	
10	01.00	M W F	NKRS B	440	STRACK LOUIS E
	02.00-03.50	T	LS II	149	
11	01.00	M W F	NKRS B	440	STRACK LOUIS E
	01.00-02.50	F	LS II	149	
12	01.00	M W F	NKRS B	440	STRACK LOUIS E
	11.00-12.50	F	LS II	149	
13	01.00	M W F	NKRS B	440	STRACK LOUIS E
	08.00-09.50	T	LS II	149	
14	01.00	M W F	NKRS B	440	STRACK LOUIS E
	08.00-09.50	TH	LS II	149	
15	01.00	M W F	NKRS B	440	STRACK LOUIS E
	05.45-07.25	W	LS II	149	
16	01.00	M W F	NKRS B	440	STRACK LOUIS E
	10.00-11.50	S	LS II	149	
302	PSYC-PHSL FOUN BEH		03.0	CR	
	PREREQ GSA 2018	AND C			
1	11.00	T TH	LS I	323	WARNER
	01.00-02.50	TH	LS II	149	
2	11.00	T TH	LS I	323	WARNER
	08.00-09.50	S	LS II	149	
303	WILD FLOWERS		03.0	CR	
1	08.00	T	LS II	450	
	08.00-11.50	W	LS II	480	
2	10.00	T	LS II	450	
	08.00-11.50	TH	LS II	480	
3	10.00	TH	LS II	450	
	08.00-11.50	T	LS II	480	
4	01.00	M	LS II	450	
	01.00-04.50	W	LS II	480	
5	01.00	W	LS II	450	
	01.00-04.50	F	LS II	480	
312	CONS OF NATURAL RES		03.0	CR	
1	08.00	M W F	WHAM	105	STAHL
313	EVOLUTION		03.0	CR	
	PREREQ ONE YEAR OF BIOLOGY				
1	01.00	T THF	WHAM	105	STAINS
315	HISTORY OF BIOLOGY		03.0	CR	
1	12.00	M	LAWSON	171	GALBREATH EDWIN C
	12.00	THF	LAWSON	141	
321	INTRO PALEONTOLOGY		03.0	CR	
1	10.00	W F	PARK	204	UTGAARD
	03.00-04.50	M	PARK	107	
2	10.00	W F	PARK	204	
	06.00-07.50 PM	M	PARK	107	
3	10.00	W F	PARK	204	
	10.00-11.50	T	PARK	107	
4	11.00	T TH	PARK	204	UTGAARD JOHN EDWARD
	08.00-09.50	M	PARK	107	
5	11.00	T TH	PARK	204	UTGAARD
	10.00-11.50	M	PARK	107	
6	11.00	T TH	PARK	204	
	01.00-02.50	M	PARK	107	
322	INTR TO ROCKS & MIN		03.0	CR	
1	09.00	M W	PARK	204	BELL FRANK J
	08.00-09.50	TH	PARK	112	
2	09.00	M W	PARK	204	BELL FRANK J
	10.00-11.50	TH	PARK	112	
3	09.00	M W	PARK	204	BELL FRANK J
	02.00-03.50	TH	PARK	112	
4	03.00	T TH	PARK	204	BELL FRANK J
	12.00-01.50	TH	PARK	112	
5	03.00	T TH	PARK	204	BELL FRANK J
	04.00-05.50	TH	PARK	112	
6	03.00	T TH	PARK	204	BELL FRANK J
	06.00-07.50 PM	TH	PARK	112	
7	04.00	M W	PARK	204	
	09.00-10.50	T	PARK	112	

330	WEATHER			03.0	CR	
1	09.00	W	LAWSON	171	JONES DAVID L	
	10.00-11.50	W	AG	150		
2	09.00	W	LAWSON	171	JONES DAVID L	
	12.00-01.50	W	AG	150		
3	09.00	W	LAWSON	171	JONES DAVID L	
	02.00-03.50	W	AG	150		
4	09.00	W	LAWSON	171	JONES DAVID L	
	08.00-09.50	TH	AG	150		
5	09.00	W	LAWSON	171	JONES DAVID L	
	10.00-11.50	TH	AG	150		
6	09.00	W	LAWSON	171	JONES DAVID L	
	12.00-01.50	TH	AG	150		
7	09.00	W	LAWSON	171	JONES DAVID L	
	02.00-03.50	TH	AG	150		
8	09.00	W	LAWSON	171	JONES DAVID L	
	10.00-11.50	F	AG	150		
9	09.00	W	LAWSON	171	JONES DAVID L	
	12.00-01.50	F	AG	150		
331	CLIMATE			03.0	CR	
1	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	08.00	F	ABBOTT	129		
2	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	08.00	F	PARK	309		
3	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	09.00	F	AG	120		
4	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	11.00	F	WHAM	307		
5	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	02.00	F	ARENA	119		
6	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	02.00	F	NKRS A	278		
7	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	12.00	F	COMM	1022		
8	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	12.00	F	TECH D	131		
9	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	10.00	F	AG	170		
10	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	01.00	F	WHAM	317		
11	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	03.00	F	COMM	2012		
12	09.00	M TH	LAWSON	151	SHARPE DAVID M	
	10.00	F	AG	116		
335A	ENVIRON POLLUTION			03.0	CR	
	PREREQ GSA 101B, 201A,B			OR 210A,B		
I	12.00	M W F	NKRS B	440		
335B	ENVIRON POLLUTION			03.0	CR	
	PREREQ JR STANDING					
1	11.00	M	NKRS B	440	VERDUIN	
	11.00	T TH	NKRS B	240		
2	02.00	T THF	NKRS B	440	VERDUIN	
336	NUTRITIONAL ECOLOGY			03.0	CR	
1	10.00	M W F	H EC	140B	KONISHI	
340	ECOLOGY			03.0	CR	
1	09.00	M W F	NKRS B	440		
2	11.00	M W F	LS I	133		
3	02.00	M W F	LS I	133		
345	ECONOMIC BOTANY			03.0	CR	
1	09.00	M WTH	LAWSON	121	UGENT	
2	10.00	M WTH	LAWSON	231	STUCKY	
358A	ANAL OF PHYS SYSTEM			03.0	CR	
	PREREQ 1ST LEVEL GSA & MATH 111A&B					
1	02.00	T TH	TECH A	111		
	06.00-07.50 PM	M	TECH D	122		
2	02.00	T TH	TECH A	111		
	06.00-07.50 PM	TH	TECH D	122		
3	02.00	T TH	TECH A	111		
	10.00-11.50	TH	TECH D	122		

358B	ANAL OF PHYS SYSTEM		03.0	CR	
	PREREQ	GSA 358A			
1	03.00	T TH	NKRS B	440	
	06.00-07.50 PM	T	TECH D	122	
2	03.00	T TH	NKRS B	440	
	08.00-09.50	T	TECH D	122	
3	03.00	T TH	NKRS B	440	
	08.00-09.50	TH	TECH D	122	
361	ACOUSTICS OF MUSIC		03.0	CR	
1	10.00	M W F	LAWSON	161	GORDON RODERICK D
2	11.00	M W F	LAWSON	161	GORDON RODERICK D
363A	PHIL OF SCIENCE		03.0	CR	
	PREREQ	1ST LEV SEQ OR ITS EQUIV IN AREA A			
1	11.00	M W	LAWSON	201	AUDI MICHAEL
	01.00	M	H EC	202	
2	11.00	M W	LAWSON	201	AUDI MICHAEL
	02.00	M	WHAM	307	

### General Studies Area B—Man's Social Inheritance and Social

#### Responsibilities (GSB)

100A	WESTERN TRADITION		04.0	CR	
1	09.00	MT TH	LAWSON	171	DOTSON
	01.00	F	H EC	104	
2	09.00	MT TH	LAWSON	171	DOTSON
	02.00	TH	H EC	104	
3	09.00	MT TH	LAWSON	171	DOTSON
	03.00	TH	H EC	120	
4	09.00	MT TH	LAWSON	171	DOTSON
	04.00	W	H EC	104	
5	09.00	MT TH	LAWSON	171	DOTSON
	08.00	W	0720	118	
6	09.00	MT TH	LAWSON	171	DOTSON
	10.00	W	PULL	39	
7	09.00	MT TH	LAWSON	171	DOTSON
	11.00	TH	H EC	203	
8	09.00	MT TH	LAWSON	171	DOTSON
	06.00	PM W	0871	102	
9	09.00	MT TH	LAWSON	171	DOTSON
	10.00	F	WHAM	208	
10	09.00	MT TH	LAWSON	171	DOTSON
	09.00	W	CL	24	
	HONORS SECTION	SECT 10			
11	09.00	MT TH	LAWSON	171	DOTSON
	11.00	T	LS II	130	
12	09.00	MT TH	LAWSON	171	DOTSON
	08.00	T	H EC	203	
13	11.00	T THF	LAWSON	101	SHELBY
	11.00	W	H EC	120	
14	11.00	T THF	LAWSON	101	SHELBY
	12.00	M	WHAM	208	
15	11.00	T THF	LAWSON	101	SHELBY
	10.00	W	PIERCE	130	
16	11.00	T THF	LAWSON	101	SHELBY
	12.00	W	0720	109	
17	01.00	M WTH	LAWSON	161	BREHM
	01.00	T	H EC	203	
18	01.00	M WTH	LAWSON	161	BREHM
	02.00	F	PULL	37	
19	01.00	M WTH	LAWSON	161	BREHM
	03.00	TH	H EC	104	
20	01.00	M WTH	LAWSON	161	BREHM
	04.00	T	H EC	102	
21	01.00	M WTH	LAWSON	161	BREHM
	03.00	T	PULL	35	
22	01.00	M WTH	LAWSON	161	BREHM
	09.00	W	0720	103	
23	01.00	M WTH	LAWSON	161	BREHM
	10.00	W	H EC	120	

24	01.00		M	WTH	LAWSON	161	BREHM
	07.35-08.25	PM		T	0862	102	
25	01.00		M	WTH	LAWSON	161	BREHM
	07.00	PM	M		H EC	120	
26	01.00		M	WTH	LAWSON	161	BREHM
	03.00			W	H EC	203	
27	01.00		M	WTH	LAWSON	161	BREHM
	03.00			T	H EC	120	
28	01.00		M	WTH	LAWSON	161	BREHM
	06.00-07.00	PM	M		0871	102	
29	06.00-07.25	PM	M	W	LAWSON	131	BERBERICH CHARLES
	04.00		M		CL	24	
30	06.00-07.25	PM	M	W	LAWSON	131	BERBERICH CHARLES
	07.00	PM		TH	0871	102	
31	06.00-07.25	PM	M	W	LAWSON	131	BERBERICH CHARLES
	06.00	PM		T	H EC	122	
32	06.00-07.25	PM	M	W	LAWSON	131	BERBERICH CHARLES
	06.00-07.25	PM		TH	H EC	120	
1008	WESTERN TRADITION				04.0	CR	
	PREREQ 100A						
1	10.00			T THF	LAWSON	221	DETWILER
	08.00			T	0720	117	
2	10.00			T THF	LAWSON	221	DETWILER
	02.00			T	PARK	301	
3	10.00			T THF	LAWSON	221	DETWILER
	03.00		M		0721	101	
4	10.00			T THF	LAWSON	221	DETWILER
	01.00			W	0720	101	
5	11.00			T THF	WHAM	105	ZUCKER STANLEY
	12.00		M		0875	101	
6	11.00			T THF	WHAM	105	ZUCKER STANLEY
	02.00			T	0720	106	
7	11.00			T THF	WHAM	105	ZUCKER STANLEY
	03.00			TH	0720	106	
8	11.00			T THF	WHAM	105	ZUCKER STANLEY
	04.00			TH	0720	114	
9	11.00			T THF	WHAM	105	ZUCKER STANLEY
	03.00			W	0720	114	
10	11.00			T THF	WHAM	105	ZUCKER STANLEY
	08.00			W	H EC	201	
11	11.00			T THF	WHAM	105	ZUCKER STANLEY
	07.35-08.25	PM	M		0862	102	
12	11.00			T THF	WHAM	105	ZUCKER
	06.00	PM		T	H EC	102	
13	11.00			T THF	WHAM	105	ZUCKER STANLEY
	08.00			TH	CL	24	
14	11.00			T THF	WHAM	105	ZUCKER
	03.00			TH	0862	101	
15	11.00			T THF	WHAM	105	ZUCKER
	12.00			W	H EC	201	
16	11.00			T THF	WHAM	105	ZUCKER
	02.00			T	H EC	118	
17	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	12.00			F	H EC	102	
18	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	09.00			T	H EC	203	
19	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	09.00			W	H EC	206	
20	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	11.00			W	H EC	118	
21	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	01.00			T	H EC	112	
22	02.00		M	W	LAWSON	171	
	02.00			TH	WHAM	105	O DAY
	02.00			F	WHAM	228	

23	02.00	M W	LAWSON	171	
	02.00	TH	WHAM	105	O DAY
	03.00	T	WHAM	312	
24	02.00	M W	LAWSON	171	
	02.00	TH	WHAM	105	O DAY
	06.00	PM TH	H EC	201	
25	02.00	M W	LAWSON	171	
	02.00	TH	WHAM	105	O DAY
	09.00	F	H EC	203	
26	02.00	M W	LAWSON	171	
	02.00	TH	WHAM	105	O DAY
	12.00	T	WHAM	201	
27	02.00	M W	LAWSON	171	ODAY
	02.00	TH	WHAM	105	
	12.00	F	WHAM	203	
28	02.00	M W	LAWSON	171	ODAY
	02.00	TH	WHAM	105	
	07.30-08.20 PM	M	H EC	106	
102A	MAN AND HIS WORLD		04.0 CR		
1	08.00	M TH	LAWSON	151	
	08.00	T	WHAM	105	
	01.00	M	H EC	306	
2	08.00	M TH	LAWSON	151	
	08.00	T	WHAM	105	
	02.00	M	H EC	306	
3	08.00	M TH	LAWSON	151	
	08.00	T	WHAM	105	
	03.00	TH	H EC	306	
4	08.00	M TH	LAWSON	151	
	04.00	TH	H EC	306	
	08.00	T	WHAM	105	
5	08.00	M TH	LAWSON	151	
	01.00	F	H EC	306	
	08.00	T	WHAM	105	
6	08.00	M TH	LAWSON	151	
	02.00	F	H EC	306	
	08.00	T	WHAM	105	
7	08.00	M TH	LAWSON	151	
	03.00	F	H EC	306	
	08.00	T	WHAM	105	
8	08.00	M TH	LAWSON	151	
	04.00	F	H EC	306	
	08.00	T	WHAM	105	
9	08.00	M TH	LAWSON	151	
	08.00	W	H EC	306	
	08.00	T	WHAM	105	
10	08.00	M TH	LAWSON	151	
	09.00	W	H EC	306	
	08.00	T	WHAM	105	
11	08.00	M TH	LAWSON	151	
	10.00	W	H EC	306	
	08.00	T	WHAM	105	
12	08.00	M TH	LAWSON	151	
	12.00	W	H EC	306	
	08.00	T	WHAM	105	
13	09.00	W F	LAWSON	151	
	09.00	T	PARK	124	
	08.00	M	H EC	306	
14	09.00	W F	LAWSON	151	
	09.00	M	H EC	306	
	09.00	T	PARK	124	
15	09.00	W F	LAWSON	151	
	10.00	M	H EC	306	
	09.00	T	PARK	124	
16	09.00	W F	LAWSON	151	
	11.00	M	H EC	306	
	09.00	T	PARK	124	
17	09.00	W F	LAWSON	151	
	12.00	M	H EC	306	
	09.00	T	PARK	124	



18	09.00	W F	LAWSON	151	
	11.00	W	H EC	306	
	09.00	T	PARK	124	
19	09.00	W F	LAWSON	151	
	01.00	W	H EC	306	
	09.00	T	PARK	124	
20	09.00	W F	LAWSON	151	
	02.00	W	H EC	306	
	09.00	T	PARK	124	
21	09.00	W F	LAWSON	151	
	03.00	W	H EC	306	
	09.00	T	PARK	124	
22	09.00	W F	LAWSON	151	
	04.00	W	H EC	306	
	09.00	T	PARK	124	
23	09.00	W F	LAWSON	151	
	08.00	TH	H EC	306	
	09.00	T	PARK	124	
24	09.00	W F	LAWSON	151	
	09.00	TH	H EC	306	
	09.00	T	PARK	124	
25	11.00	MTWTH	CL	122	MULLER
	THE ABOVE SECTION-HONORS-ENROLLMENT BY PERMISSION				
26	01.00	MTWTH	H EC	104	MACLACHLAN BRUCE
	THE ABOVE SECTION-HONORS-ENROLLMENT BY PERMISSION				
27	03.00	M W F	WHAM	105	
	08.00	T	H EC	306	
28	03.00	M W F	WHAM	105	
	09.00	T	H EC	306	
29	03.00	M W F	WHAM	105	
	10.00	T	H EC	306	
30	03.00	M W F	WHAM	105	
	11.00	T	H EC	306	
31	03.00	M W F	WHAM	105	
	12.00	T	H EC	306	
32	03.00	M W F	WHAM	105	
	01.00	T	H EC	306	
33	03.00	M W F	WHAM	105	
	02.00	T	H EC	306	
34	03.00	M W F	WHAM	105	
	03.00	T	H EC	306	
35	03.00	M W F	WHAM	105	
	04.00	T	H EC	306	
36	03.00	M W F	WHAM	105	
	10.00	TH	H EC	306	
37	03.00	M W F	WHAM	105	
	11.00	TH	H EC	306	
38	03.00	M W F	WHAM	105	
	12.00	TH	H EC	306	
39	04.00	T THF	LAWSON	141	
	08.00	F	H EC	306	
40	04.00	T THF	LAWSON	141	
	09.00	F	H EC	306	
41	04.00	T THF	LAWSON	141	
	10.00	F	H EC	306	
42	04.00	T THF	LAWSON	141	
	11.00	F	H EC	306	
43	04.00	T THF	LAWSON	141	
	12.00	F	H EC	306	
44	04.00	T THF	LAWSON	141	
	01.00	TH	H EC	306	
45	04.00	T THF	LAWSON	141	
	02.00	TH	H EC	306	
46	04.00	T THF	LAWSON	141	
	03.00	M	H EC	306	
47	04.00	T THF	LAWSON	141	
	04.00	M	H EC	306	
48	04.00	T THF	LAWSON	141	
	09.00	T	H EC	106	

49	04.00	T THF	LAWSON	141	
	09.00	TH	H EC	106	
50	04.00	T THF	LAWSON	141	
	12.00	F	H EC	106	
51	05.45-07.25	T TH	H EC	106	MARING E
102B	MAN AND HIS WORLD		04.00	CR	
1	08.00	M W	LS I	133	
	08.00	T TH	TECH A	308	
2	08.00	M W	LS I	133	
	08.00	T TH	TECH A	208	
3	08.00	M W	LS I	133	
	09.00	T TH	TECH A	222	
4	08.00	M W	LS I	133	
	12.00	T TH	COMM	1022	
5	08.00	M W	LS I	133	
	12.00	T TH	LS II	228	
6	08.00	M W	LS I	133	
	02.00	T TH	PARK	309	
7	08.00	M W	LS I	133	
	03.00	T TH	PARK	301	
8	08.00	M W	LS I	133	
	04.00	T TH	COMM	1021	
9	08.00	M W	LS I	133	
	04.00	T TH	AG	148	
10	09.00	M WTH	LAWSON	141	PENNINGTON
	08.00	F	AG	116	
11	09.00	M WTH	LAWSON	141	PENNINGTON
	08.00	F	AG	150	
12	09.00	M WTH	LAWSON	141	PENNINGTON
	09.00	F	AG	150	
13	09.00	M WTH	LAWSON	141	PENNINGTON
	09.00	F	AG	144	
14	09.00	M WTH	LAWSON	141	PENNINGTON
	10.00	F	BAILEY	130	
15	09.00	M WTH	LAWSON	141	PENNINGTON
	10.00	F	PIERCE	130	
16	09.00	M WTH	LAWSON	141	PENNINGTON
	11.00	F	AG	168	
17	09.00	M WTH	LAWSON	141	PENNINGTON
	11.00	F	WHAM	203	
18	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	08.00	M W	AG	116	
19	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	08.00	M W	ABBOTT	129	
20	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	09.00	M W	COMM	1022	
21	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	10.00	M	ARENA	125	
	10.00	W	WHLR	113	
22	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	12.00	M W		35	
23	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	12.00	M W	NKRS A	160	
24	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	04.00	M W	AG	116	
25	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	03.00	M W	GYM	204	
26	02.00	W	LAWSON	151	
	02.00	F	LAWSON	171	
	04.00	M W	PIERCE	130	
27	03.00	M W	LS I	133	
	08.00	T TH	WARREN	129	

28	03.00	M W	LS I	133
	08.00	T TH	AG	222
29	03.00	M W	LS I	133
	09.00	T TH	BAILEY	130
30	03.00	M W	LS I	133
	09.00	T TH	TECH A	222
31	03.00	M W	LS I	133
	12.00	T TH	AG	152
32	03.00	M W	LS I	133
	12.00	T TH	FELTS	130
33	03.00	M W	LS I	133
	03.00	T TH	TECH A	322
34	03.00	M W	LS I	133
	04.00	T TH	TECH A	320
35	03.00	M W	LS I	133
	04.00	T TH	AG	152
36	04.00	M W	LS I	133
	08.00	T TH	AG	144
37	04.00	M W	LS I	133
	08.00	T TH	ABBOTT	129
38	04.00	M W	LS I	133
	09.00	T TH	FELTS	130
39	04.00	M W	LS I	133
	09.00	T TH	AG	154
40	04.00	M W	LS I	133
	12.00	T TH	BAILEY	130
41	04.00	M W	LS I	133
	12.00	T TH	COMM	1018
42	04.00	M W	LS I	133
	03.00	T TH	WHAM	112
43	04.00	M W	LS I	133
	04.00	T TH	COMM	1022
44	04.00	M W	LS I	133
	04.00	T TH	LS II	146
109	INTRO-BLACK AMERICA			04.00 CR
1	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	PARK	111
2	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	PARK	308
3	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	GYM	204
4	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	LS I	323
5	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	PULL	37
6	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	AG	216
7	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	AG	224
8	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	PIERCE	130
9	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	FELTS	130
10	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	WARREN	129
11	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	WHAM	328
12	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	CL	25
13	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	CL	326
14	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	LS II	130
15	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	NKRS A	278
16	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	TECH A	120
17	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	TECH A	220
18	06.00-07.25 PM	M W	LAWSON	151
	03.00-04.50	TH	TECH A	310

19	06.00-07.25 PM	M W	LAWSON	151	
	03.00-04.50	TH	0861	102	
20	06.00-07.25 PM	M W	LAWSON	151	
2018	SOCIETY & BEHAVIOR		04.0	CR	
1	09.00	T	LAWSON	151	PATTERSON EDGAR I
	08.00	M W	WHAM	302	
	09.00	TH	LAWSON	161	
2	09.00	T	LAWSON	151	PATTERSON EDGAR I
	08.00	M W	COMM	1018	
	09.00	TH	LAWSON	161	
3	09.00	T	LAWSON	151	PATTERSON EDGAR I
	09.00	M W	0862	101	
	09.00	TH	LAWSON	161	
4	09.00	T	LAWSON	151	PATTERSON EDGAR I
	02.00	M W	0875	102	
	09.00	TH	LAWSON	161	
5	09.00	T	LAWSON	151	PATTERSON EDGAR I
	12.00	M W	LS II	146	
	09.00	TH	LAWSON	161	
6	09.00	T	LAWSON	151	PATTERSON EDGAR I
	01.00	M W	TECH A	220	
	09.00	TH	LAWSON	161	
7	09.00	T	LAWSON	151	PATTERSON EDGAR I
	02.00	M W	0861	102	
	09.00	TH	LAWSON	161	
8	09.00	T	LAWSON	151	PATTERSON EDGAR I
	03.00	M W	AG	144	
	09.00	TH	LAWSON	161	
9	10.00	T TH	LS I	133	GASTON
	08.00	M W	0875	102	
10	10.00	T TH	LS I	133	GASTON
	08.00	M W	0862	102	
11	10.00	T TH	LS I	133	GASTON
	01.00	W	0862	101	
	01.00	F	0861	102	
	ABOVE SECTION RESTRICTED TO	PR S			
12	10.00	T TH	LS I	133	GASTON
	12.00	M W	0871	101	
13	10.00	T TH	LS I	133	GASTON
	12.00	T TH	AG	168	
14	10.00	T TH	LS I	133	GASTON
	02.00	M W	0862	102	
15	10.00	T TH	LS I	133	GASTON
	03.00	M W	BAILEY	130	
16	10.00	T TH	LS I	133	GASTON
	04.00	M W	0875	102	
17	11.00	M W	PARK	124	RAINEY
	08.00	T TH	AG	216	
18	11.00	M W	PARK	124	RAINEY
	09.00	T TH	AG	188	
19	11.00	M W	PARK	124	RAINEY
	02.00	T F	AG	214	
20	11.00	M W	PARK	124	RAINEY
	11.00	T F	0721	101	
21	11.00	M W	PARK	124	RAINEY
	12.00	T TH	0862	101	
22	11.00	M W	PARK	124	RAINEY
	01.00	T F	LS I	16	
23	11.00	M W	PARK	124	RAINEY
	02.00	T TH	BROWN	130	
24	11.00	M W	PARK	124	RAINEY
	03.00	T F	0862	102	
25	02.00	T TH	LAWSON	161	PATTERSON
	08.00	W F	LS II	250	
26	02.00	T TH	LAWSON	161	PATTERSON
	09.00	F	COMM	1021	
	09.00	W	COMM	1006	
27	02.00	T TH	LAWSON	161	PATTERSON
	09.00	W F	0861	101	

28	02.00		T TH	LAWSON	161	
	11.00		TH	AG	116	
	11.00			AG	144	
29	02.00		T TH	LAWSON	161	PATTERSON
	12.00		W	WHAM	206	
	12.00			WHAM	205	
30	02.00		T TH	LAWSON	161	PATTERSON
	01.00		W F	0871	101	
31	02.00		T TH	LAWSON	161	PATTERSON
	02.00		W	WHAM	302	
	02.00			CL	24	
32	02.00		T TH	LAWSON	161	
	03.00		W F	AG	224	
33	07.35-09.15 PM	M W		LAWSON	131	
34	07.35-09.15 PM	M W		LAWSON	101	
201C	SOCIETY & BEHAVIOR			04.0	CR	
1	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	W		PULL	35	
2	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50 PM	W		PULL	35	
3	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	TH		PULL	35	
4	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	TH		PULL	35	
5	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	TH		PULL	35	
6	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	03.00-04.50	TH		PULL	35	
7	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	F		PULL	35	
8	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	F		PULL	35	
9	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	S		PULL	35	
10	11.00	M W		LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	S		PULL	35	
11	03.00	M W		AG	166	SCHMECK RONALD R
	02.00-03.50	TH		AG	170	
12	03.00	M W		AG	166	SCHMECK RONALD R
	02.00-03.50	F		AG	170	
13	03.00-04.50	M		LAWSON	131	
	03.00-04.50	W		AG	170	
14	03.00-04.50	M		LAWSON	131	
	03.00-04.50	TH		AG	222	
15	03.00	M W		AG	166	SCHMECK RONALD R
	10.00-11.50	F		ABBOTT	129	
16	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	W		AG	148	
17	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50 PM	W		AG	148	
18	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	TH		AG	148	
19	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	TH		AG	148	
20	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	TH		AG	154	
21	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	03.00-04.50	TH		AG	154	
22	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	F		AG	154	
23	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	F		AG	222	
24	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	S		AG	116	
25	04.00	M W		LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	S		AG	116	
26	06.00-07.40 PM	W		LAWSON	141	
	03.00-04.50	W		PULL	35	
27	06.00-07.40 PM	W		LAWSON	141	
	03.00-04.50	W		AG	220	



28	06.00-07.40 PM	W	LAWSON	141	
	06.00-07.50 PM	TH	PULL	35	
29	06.00-07.40 PM	W	LAWSON	141	
	06.00-07.50 PM	TH	AG	148	
30	06.00-07.40 PM	W	LAWSON	141	
	10.00-11.50	F	PULL	35	
31	06.00-07.40 PM	W	LAWSON	141	
	10.00-11.50	F	AG	148	
32	06.00-07.40 PM	W	LAWSON	141	
	02.00-03.50	F	PULL	35	
33	06.00-07.40 PM	W	LAWSON	141	
	02.00-03.50	F	AG	222	
34	06.00-07.40 PM	W	LAWSON	141	
	12.00-01.50	F	AG	168	
35	06.00-07.40 PM	W	LAWSON	141	
	02.00-03.50	F	AG	168	
211A	POLITICAL ECONOMY		04.0 CR		
1	03.00	M W	LAWSON	141	EDELMAN
	03.00	T TH	LAWSON	161	
211B	POLITICAL ECONOMY		04.0 CR		
1	10.00	M W F	LS I	133	WASBY STEPHEN L
	08.00	T	WHAM	206	
2	10.00	M W F	LS I	133	WASBY STEPHEN L
	08.00	TH	PULL	41	
3	10.00	M W F	LS I	133	WASBY STEPHEN L
	09.00	T	PULL	41	
4	10.00	M W F	LS I	133	WASBY STEPHEN L
	09.00	TH	PULL	41	
5	10.00	M W F	LS I	133	WASBY STEPHEN L
	10.00	T	AG	150	
6	10.00	M W F	LS I	133	WASBY STEPHEN L
	10.00	TH	WHAM	317	
7	10.00	M W F	LS I	133	WASBY STEPHEN L
	11.00	T	WHAM	312	
8	10.00	M W F	LS I	133	WASBY STEPHEN L
	11.00	TH	WHAM	319	
9	10.00	M W F	LS I	133	
	10.00	TH	LS II	250	
10	12.00	MT THF	WHAM	228	
11	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	01.00	T	WHAM	228	
12	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	01.00	TH	PULL	39	
13	02.00	M W F	WHAM	105	
	02.00	T	COMM	1017	
14	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	02.00	TH	H EC	118	
15	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	02.00	T	AG	168	
16	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	03.00	T	WHAM	303	
17	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	03.00	TH	PULL	41	
18	02.00	M W F	WHAM	105	GOODSELL CHARLES T
	04.00	T	AG	150	
19	05.45-07.25	M W	WHAM	319	
20	05.45-07.25	T TH	WHAM	201	
21	07.35-09.15 PM	M W	WHAM	328	
22	07.35-09.15 PM	T TH	WHAM	205	
299A	SURVIVAL OF MAN		04.0 CR		
1	10.00	MT TH	LAWSON	151	
	08.00	TH	PARK	301	
2	10.00	MT TH	LAWSON	151	
	09.00	TH	AG	144	
3	10.00	MT TH	LAWSON	151	
	01.00	W	AG	220	
4	10.00	MT TH	LAWSON	151	
	12.00	W	PULL	39	
5	10.00	MT TH	LAWSON	151	
	11.00	W	AG	152	

6	10.00	MT TH	LAWSON	151	
	12.00	TH	AG	154	
7	10.00	MT TH	LAWSON	151	
	03.00	TH	NKRS C	116	
8	10.00	MT TH	LAWSON	151	
	02.00	W	BROWN	130	
9	10.00	MT TH	LAWSON	151	
	04.00	TH	PARK	301	
10	10.00	MT TH	LAWSON	151	
	04.00	W	PULL	41	
299B	SURVIVAL OF MAN		04.0	CR	
1	02.00	MT TH	LAWSON	151	
	08.00	W	PULL	41	
2	02.00	MT TH	LAWSON	151	
	09.00	TH	0861	101	
3	02.00	MT TH	LAWSON	151	
	11.00	TH	AG	216	
4	02.00	MT TH	LAWSON	151	
	12.00	TH	AG	188	
5	02.00	MT TH	LAWSON	151	
	12.00	W	PULL	41	
6	02.00	MT TH	LAWSON	151	
	01.00	W	ABBOTT	129	
7	02.00	MT TH	LAWSON	151	
	01.00	TH	0871	101	
8	02.00	MT TH	LAWSON	151	
	02.00	W	0875	101	
9	02.00	MT TH	LAWSON	151	
	03.00	TH	LS II	450	
10	02.00	MT TH	LAWSON	151	
	04.00	W	AG	150	
300A	UNITED STATES HIST		03.0	CR	
1	12.00	M WTH	WHAM	105	AMMON
2	03.00	T	LS I	133	HUDSON
	03.00	W F	LAWSON	161	
3	06.00-07.25 PM	T TH	WHAM	308	BATINSKI MICHAEL C
300B	UNITED STATES HIST		03.0	CR	
1	08.00	TW F	LAWSON	151	HUDSON
2	12.00	TW F	LAWSON	171	WERLICH
300C	UNITED STATES HIST		03.0	CR	
1	04.00	T THF	LAWSON	161	BATINSKI
302	LAW CIVIL RIGHTS		03.0	CR	
1	08.00	MT TH	WHAM	202	WASBY
303	INTERNATIONAL REL		04.0	CR	
1	08.00	M WTHF	WHAM	206	KLINGBERG FRANK L
2	10.00	MT THF	COMM	1006	MORRIS
3	01.00-02.50	W	WHAM	201	LEVINE
	01.00-02.50	F	WHAM	206	
4	04.00	MTWTH	WHAM	208	TURLEY
304	LAW HIST PHIL		03.0	CR	
1	09.00	M WTH	H EC	203	ABBASS
306	CHILD DEVELOPMENT		03.0	CR	
1	11.00	T TH	LAWSON	161	FLYNN TIMOTHY M
	11.00	F	H EC	140B	
310	CURRENT EVENTS		01.0	CR	
1	10.00	F	LAWSON	151	
	08.00	M	AG	150	
2	10.00	F	LAWSON	151	
	09.00	M	AG	188	
3	10.00	F	LAWSON	151	
	09.00	T	AG	220	
4	10.00	F	LAWSON	151	
	10.00	W	AG	170	
5	10.00	F	LAWSON	151	
	10.00	TH	AG	116	
6	10.00	F	LAWSON	151	
	11.00	T	AG	116	
7	10.00	F	LAWSON	151	
	12.00	F	AG	170	
8	10.00	F	LAWSON	151	
	01.00	M	AG	152	

9	10.00		F	LAWSON	151	
	01.00		TH	COMM	1021	
10	10.00		F	LAWSON	151	
	02.00		T	AG	152	
11	10.00		F	LAWSON	151	
	02.00		W	AG	144	
12	10.00		F	LAWSON	151	
	03.00		F	AG	220	
311	ECON DEVELOP OF U S			03.0	CR	
	PREREQ	GSB 101B OR 211A,B OR 215				
1	09.00		M W F	0875	101	ADAMS DONALD R
312	COMPAR ECON SYSTEMS			03.0	CR	
	PREREQ	GSB 211A OR 215				
1	03.00		M W F	0861	102	JAM HABIB O E
314	ECON ANAL AG POL US			03.0	CR	
	PREREQ	GSB 211				
1	02.00		MT	AG	225	LYBECKER DONALD W
	12.00		TH	AG	225	
2	02.00		MT	AG	225	LYBECKER DONALD W
	02.00		TH	AG	155	
321	SOCIALIZAT OF INDIV			03.0	CR	
1	10.00		M W F	0862	101	NALL ELIZABETH W
2	12.00		M W F	BAILEY	130	NALL ELIZABETH W
3	TO BE ARRANGED					HENDRIX
325	RACE & MIN RELATION			03.0	CR	
1	10.00		MT TH	0871	102	BROOKS MELVIN S
2	11.00		T TH	LS II	146	DENISE PAUL S
	11.00		W	COMM	1021	
331	AMER ED SYSTEM			03.0	CR	
1	08.00		M W F	WHAM	328	
2	08.00		MT TH	WHAM	329	
3	09.00		M W F	WHAM	328	
4	10.00		M W F	WHAM	205	
5	11.00		M W F	WHAM	205	
6	01.00		M W F	WHAM	205	
7	02.00		M W F	WHAM	205	
8	03.00		M W F	WHAM	205	
9	06.00-07.25 PM		T TH	WHAM	205	
10	06.00-07.25 PM		M W	WHAM	328	
340	HUM REL BETWN SEXES			03.0	CR	
1	06.30-09.30 PM		T	WHAM	105	
341	MARRIAGE			03.0	CR	
1	08.00		M W F	AG	152	
2	10.00		M	AG	144	
	10.00		W F	H EC	202	
3	12.00		M W F	AG	154	
4	03.00		M W	H EC	118	
	03.00		F	H EC	202	
345	INTR TO AM FGN POL			03.0	CR	
1	10.00		M W F	0875	102	LANDECKER MANFRED
2	03.00		M W F	WHAM	208	TRIVERS HOWARD
346	CONSUM CHOICE-BEHAV			03.0	CR	
	PREREQ	GSB 211A, 211B				
1	01.00		M W F	H EC	5	JOHNSTON BETTY JANE
353	ECON GEOG-RES MGT			03.0	CR	
	PREREQ	NONE				
1	12.00		MT TH	AG	170	
355	GEOG OF U S			03.0	CR	
1	11.00		M WTH	LAWSON	221	
361	FUND OF DECIS MAKE			03.0	CR	
	PREREQ	MATH 111-10 A&B OR GSD 108A &B				
1	02.00		M W F	TECH A	111	
369	CONTEMP FAR EAST			03.0	CR	
1	10.00		MT TH	LAWSON	101	KUO
380B	E EUR-PRES INSTITUT			03.0	CR	
1	01.00		M W F	H EC	203	KAMARASY
385	CONTEMP POL ISMS			03.0	CR	
1	10.00		M W F	LS I	205	KAMARASY
2	03.00		M	WHAM	112	
	03.00		W	WHAM	201	

390	INTR TO COMP GOVT		04.0	CR	
1	09.00	MT THF	H EC	206	DALE
2	02.00	MT THF	WHAM	302	HARDENBERGH
3	04.00	MTWTH	WHAM	201	BHATTACHARYYA J
391	SUB-SAHARAN GOVT		04.0	CR	
1	11.00	MT THF	0875	102	DALE RICHARD
392	INTRO L A GOVT POL		04.0	CR	
1	01.00	M THF	AG	220	
	01.00	T	AG	170	

## General Studies Area C—Man's Insights and Appreciations

## (GSC)

100	MUSIC UNDERSTANDING		03.0	CR	
1	08.00	M W F	LAWSON	161	NADAF
2	09.00	M W F	LAWSON	161	FLOYD
3	12.00	M W F	LAWSON	161	EDDINS JOHN M
4	02.00	M W F	LAWSON	161	EDDINS
5	03.00	M W F	LAWSON	121	FLOYD
101	ART APPRECIATION		03.0	CR	
1	11.00	TH	LAWSON	151	
	12.00-01.50	T	0842	101	
	04.00	M	0842	101	
2	11.00	TH	LAWSON	151	
	12.00-01.50	M	0842	101	
	04.00	M	0842	101	
3	11.00	TH	LAWSON	151	
	01.00-02.50	F	0842	102	
	04.00	T	0842	102	
4	11.00	TH	LAWSON	151	
	02.00-03.50	T	0842	102	
	11.00	F	0842	102	
5	11.00	TH	LAWSON	151	
	02.00-03.50	M	0842	102	
	12.00	M	0842	102	
6	11.00	TH	LAWSON	151	
	03.00-04.50	W	0842	102	
	12.00	T	0842	102	
7	11.00	TH	LAWSON	151	
	03.00-04.50	W	0842	102	
	02.00	T	0842	101	
8	11.00	TH	LAWSON	151	
	04.00-05.50	M	0842	102	
	12.00	F	0842	102	
9	11.00	TH	LAWSON	151	
	04.00-05.50	T	0842	102	
	01.00	M	0842	102	
10	11.00	TH	LAWSON	151	
	04.00-05.50	TH	0842	102	
	01.00	T	0842	102	
11	01.00	T	LAWSON	171	
	01.00	TH	0842	101	
	08.00-09.50	M	0842	101	
12	01.00	T	LAWSON	171	
	01.00	F	0842	101	
	08.00-09.50	T	0842	101	
13	01.00	T	LAWSON	171	
	08.00-09.50	W	0842	101	
	12.00	F	0842	101	
14	01.00	T	LAWSON	171	
	08.00-09.50	TH	0842	101	
	12.00	TH	0842	101	
15	01.00	T	LAWSON	171	
	08.00-09.50	F	0842	101	
	12.00	W	0842	101	
16	01.00	T	LAWSON	171	
	08.00-09.50	S	0842	101	
	12.00	M	0842	101	
17	01.00	T	LAWSON	171	
	10.00-11.50	M	0842	101	
	02.00	TH	0842	101	

18	01.00	T	LAWSON	171
	02.00-03.50	W	0842	101
	02.00	F	0842	101
19	01.00	T	LAWSON	171
	10.00-11.50	W	0842	101
	01.00	M	0842	101
20	01.00	T	LAWSON	171
	10.00-11.50	TH	0842	101
	01.00	W	0842	101
21	04.00	T	LAWSON	171
	02.00-03.50	M	0842	102
	12.00	W	0842	102
22	04.00	T	LAWSON	171
	02.00-03.50	M	0842	102
	04.00	W	0842	101
23	04.00	T	LAWSON	171
	10.00-11.50	T	0842	101
	10.00	M	0842	102
24	04.00	T	LAWSON	171
	03.00-04.50	TH	0842	101
	10.00	T	0842	102
25	04.00	T	LAWSON	171
	03.00-04.50	F	0842	101
	10.00	W	0842	102
26	04.00	T	LAWSON	171
	08.00-09.50	M	0842	102
	10.00	TH	0842	102
27	04.00	T	LAWSON	171
	08.00-09.50	T	0842	102
	10.00	F	0842	102
28	04.00	T	LAWSON	171
	08.00-09.50	W	0842	102
	11.00	M	0842	102
29	04.00	T	LAWSON	171
	08.00-09.50 PM	TH	0842	102
	11.00	T	0842	102
30	04.00	T	LAWSON	171
	08.00-09.50	F	0842	102
	11.00	W	0842	102
31	04.00	TH	LAWSON	151
	07.35-09.15 PM	W	0842	101
	07.35-08.25 PM	M	0842	101
32	04.00	TH	LAWSON	151
	07.35-09.15 PM	M	0842	101
	07.35-08.25 PM	W	0842	101
33	04.00	TH	LAWSON	151
	07.35-09.15 PM	TH	0842	101
	07.35-08.25 PM	T	0842	101
34	04.00	TH	LAWSON	151
	07.35-09.15 PM	T	0842	101
	07.35-08.25 PM	TH	0842	101
35	04.00	TH	LAWSON	151
	07.35-09.15 PM	W	0842	102
	07.35-08.25 PM	M	0842	102
36	04.00	TH	LAWSON	151
	08.00-09.50	S	0842	101
	06.00 PM	M	0842	101
37	04.00	TH	LAWSON	151
	10.00-11.50	S	0842	102
	06.00 PM	T	0842	101
38	04.00	TH	LAWSON	151
	10.00-11.50	F	0842	101
	06.00 PM	W	0842	101
39	04.00	TH	LAWSON	151
	10.00-11.50	S	0842	101
	05.00	M	0842	101
40	04.00	TH	LAWSON	151
	11.00-12.50	TH	0842	101
	05.00	T	0842	101



102	PROB-MORAL	DEC-PHIL	03.0	CR	
1	10.00	T TH	LAWSON	141	SCHILPP PAUL
	11.00	TH	H EC	202	
2	10.00	T TH	LAWSON	141	SCHILPP PAUL
	12.00	TH	H EC	202	
3	10.00	T TH	LAWSON	141	SCHILPP PAUL
	01.00	TH	AG	170	
4	10.00	T TH	LAWSON	141	SCHILPP PAUL
	02.00	TH	H EC	120	
5	10.00	T TH	LAWSON	141	SCHILPP PAUL
	03.00	TH	H EC	202	
6	10.00	T TH	LAWSON	141	SCHILPP PAUL
	08.00	F	H EC	122	
7	10.00	T TH	LAWSON	141	SCHILPP PAUL
	09.00	F	0871	102	
8	10.00	T TH	LAWSON	141	SCHILPP PAUL
	10.00	F	H EC	208	
9	10.00	T TH	LAWSON	141	SCHILPP PAUL
	11.00	F	COMM	1017	
10	10.00	T TH	LAWSON	141	SCHILPP PAUL
	01.00	F	H EC	202	
11	10.00	T TH	LAWSON	141	SCHILPP PAUL
	09.00	T	TECH A	320	
12	10.00	T TH	LAWSON	141	SCHILPP PAUL
	01.00	M	CL	109	
13	11.00	M W	WHAM	105	
	01.00	W	H EC	202	
14	11.00	M W	WHAM	105	
	02.00	W	H EC	118	
15	11.00	M W	WHAM	105	
	03.00	W	WHAM	317	
16	11.00	M W	WHAM	105	
	08.00	TH	H EC	208	
17	11.00	M W	WHAM	105	
	09.00	TH	H EC	208	
18	11.00	M W	WHAM	105	
	10.00	TH	H EC	202	
19	11.00	M W	WHAM	105	
	11.00	F	H EC	120	
20	11.00	M W	WHAM	105	
	12.00	TH	H EC	208	
21	11.00	M W	WHAM	105	
	01.00	TH	H EC	208	
22	11.00	M W	WHAM	105	
	02.00	TH	H EC	208	
23	11.00	M W	WHAM	105	
	03.00	TH	NKRS A	160	
24	11.00	M W	WHAM	105	
	08.00	F	H EC	202	
25	11.00	T F	LAWSON	141	HOWARD RICHARD
	08.00	W	TECH A	410	
26	11.00	T F	LAWSON	141	HOWARD RICHARD
	09.00	W	0721	102	
27	11.00	T F	LAWSON	141	HOWARD RICHARD
	12.00	W	0721	101	
28	11.00	T F	LAWSON	141	HOWARD RICHARD
	02.00	M	H EC	122	
29	11.00	T F	LAWSON	141	HOWARD RICHARD
	08.00	T	H EC	202	
30	11.00	T F	LAWSON	141	HOWARD RICHARD
	12.00	T	H EC	208	
31	11.00	T F	LAWSON	141	HOWARD RICHARD
	01.00	T	H EC	208	
32	11.00	T F	LAWSON	141	HOWARD RICHARD
	02.00	T	H EC	208	
33	11.00	T F	LAWSON	141	HOWARD RICHARD
	09.00	T	0720	118	
34	11.00	T F	LAWSON	141	HOWARD RICHARD
	10.00	F	H EC	120	
35	11.00	T F	LAWSON	141	HOWARD RICHARD
	08.00	F	NKRS A	258	

36	11.00	T F	LAWSON	141	HOWARD RICHARD
	11.00	W	NKRS C	218	
37	01.00	T TH	LAWSON	141	HOWIE JOHN
	08.00	M	H EC	122	
38	01.00	T TH	LAWSON	141	HOWIE JOHN
	09.00	M	WHLR	113	
39	01.00	T TH	LAWSON	141	HOWIE JOHN
	10.00	M	H EC	202	
40	01.00	T TH	LAWSON	141	HOWIE JOHN
	11.00	M	LS II	250	
41	01.00	T TH	LAWSON	141	HOWIE JOHN
	12.00	M	H EC	202	
42	01.00	T TH	LAWSON	141	HOWIE JOHN
	01.00	M	AG	150	
43	01.00	T TH	LAWSON	141	HOWIE JOHN
	08.00	T	H EC	208	
44	01.00	T TH	LAWSON	141	HOWIE JOHN
	09.00	T	H EC	208	
45	01.00	T TH	LAWSON	141	HOWIE JOHN
	10.00	T	H EC	202	
46	01.00	T TH	LAWSON	141	HOWIE JOHN
	11.00	T	H EC	202	
47	01.00	T TH	LAWSON	141	HOWIE JOHN
	10.00	T	H EC	120	
48	01.00	T TH	LAWSON	141	HOWIE JOHN
	11.00	T	H EC	203	
49	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	10.00	T	0720	107	
50	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	11.00	T	H EC	206	
51	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	03.00	TH	0720	104	
52	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	08.00	F	WHAM	329	
53	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	09.00	F	H EC	202	
54	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	12.00	T	H EC	120	
55	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	11.00	F	COMM	1022	
56	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	12.00	F	H EC	202	
57	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	01.00	F	H EC	206	
58	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	09.00	T	H EC	201	
59	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	03.00	F	0720	114	
60	02.00	T TH	LAWSON	141	HAYWARD JOHN F
	02.00	F	H EC	206	
61	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	08.00	F	GYM	203	
62	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	03.00	F	WHLR	207	
63	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	01.00	F	CL	24	
64	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	02.00	F	0871	101	
65	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	08.00	M	0871	101	
66	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	10.00	M	WHAM	302	
67	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	12.00	M	H EC	122	
68	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	03.00	M	H EC	122	
69	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	09.00	T	CL	326	
70	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	11.00	T	AG	188	

71	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	01.00	T	0861	102	
72	07.35-08.25 PM	T TH	LAWSON	141	ALLEN DOUGLAS
	03.00	T	AG	152	
103	WORLD LIT FOR COMP			03.0 CR	
	PREREQ	GSD 102 OR	THE APPROPRIATE ACT		
		SCORE			
1	08.00	M W F	WHLR	203	
2	08.00	T THF	0720	103	
3	08.00	M W F	PARK	301	
4	08.00	T THF	0720	104	
5	08.00	M WTH	FELTS	130	
6	09.00	T THF	0720	103	
7	09.00	TW F	0720	105	
8	09.00	TW F	0720	106	
9	10.00	M W F	0720	106	
10	10.00	MT TH	0720	105	
11	10.00	M W F	0720	103	
	ABOVE SECTION RESTR TO FOREIGN STUDENTS				
12	10.00	T THF	0720	101	
13	10.00	T THF	0720	104	
14	11.00	T THF	0720	102	
15	11.00	M W F	0720	103	
16	11.00	M W F	0720	101	
17	11.00	M W F	0720	105	
18	11.00	MT	PULL	35	
	11.00	TH	PULL	39	
19	12.00	TW F	0720	101	
20	12.00	M W F	0862	101	
21	12.00	T THF	0720	103	
22	12.00	M W F	AG	152	
23	01.00	M WTH	0720	104	
24	01.00	TW F	0720	103	
25	01.00	MT TH	0720	101	
26	01.00	T F	0720	104	
	01.00	TH	WHLR	203	
27	01.00	TW F	0720	105	
28	02.00	M WTH	WHAM	312	
29	02.00	TW F	0720	105	
30	02.00	T THF	0720	104	
31	02.00	M W F	0720	102	
	ABOVE SECTION RESTR TO FOREIGN STUDENTS				
32	03.00	M WTH	WHAM	312	
33	03.00	M W F	0720	103	
34	03.00	TW F	0720	101	
35	03.00	M W F	0720	104	
36	04.00	M WTH	WHAM	312	
37	04.00	T TH	0721	101	
	04.00	F	0721	102	
38	04.00	M WTH	0720	101	
39	06.00-07.15 PM	T TH	0720	105	
40	06.00-07.15 PM	T TH	0720	104	
41	06.00-07.15 PM	M W	0720	104	
42	06.00-07.15 PM	M W	H EC	122	
43	07.35-08.50 PM	M W	0720	104	
44	07.35-08.50 PM	T TH	0720	104	
45	07.35-08.50 PM	T TH	0720	105	
46	07.35-08.50 PM	M W	WHAM	319	
110A	WESTERN HUMANITIES			03.0 CR	
1	10.00	M W F	LAWSON	141	PLOCHMANN G K
200	ORAL INTERP OF LIT			04.0 CR	
1	08.00	M WTH	COMM	1020	
	08.00	T	WHAM	317	
	ADD MTG 2:00 F TBA				
2	09.00	MTW F	NKRS A	278	
	ADD MTG 2:00 F TBA				
3	10.00	TWTHF	WHAM	212	
	ADD MTG 2:00 F TBA, ABOVE SECTION FOR EL				
	ED MAJORS				

4	12.00	M W F	COMM	1018
	12.00	T	WHAM	312
	ADD MTF 2:00 F TBA			
5	12.00	MTW F	COMM	2012
	ADD MTG 2:00 F TBA			
6	01.00	MTWTH	NKRS A	458
	ADD MTG 2:00 F TBA			
7	01.00-02.50	T TH	WHAM	205
	ADD MTG 2:00 F TBA, ABOVE SECTION FOR EL			
	ED MAJORS			
8	02.00	T TH	AG	148
	02.00	M W	0862	101
	ADD MTG 3:00 F TBA, ABOVE SECTION FOR SPC			
	H MAJORS			
9	04.00	MT THF	COMM	1006
	ADD MTG 3:00 F TBA			
10	04.00	MTWTH	COMM	1018
	ADDITIONAL MEETING 3:00 FRI TBA			
11	07.35-09.00 PM	M W	COMM	2012
	ADD MTG 3:00 F TBA			
12	07.35-09.00 PM	M W	COMM	1018
	ADDITIONAL MEETING 3:00 FRI TBA			
201	INTRO TO DRAMA			03.0 CR
	PREREQ	GSC 103 OR EQUIV		
1	08.00	M W F	0720	105
2	09.00	T THF	0720	107
3	10.00	M W F	0720	107
4	11.00	M	0720	117
	11.00	F	PARK	301
	11.00	W	0721	102
5	12.00	M	WHAM	206
	12.00	W F	WHAM	303
6	01.00	MT TH	0720	106
7	02.00	M W F	0720	106
8	03.00	M W F	0720	106
9	04.00	M W F	WHAM	303
10	06.00-07.15 PM	M W	PULL	37
11	07.35-08.50 PM	T TH	0875	102
202	INTRO TO POETRY			03.0 CR
	PREREQ	GSC 103 OR EQUIV		
1	08.00	T THF	0720	106
2	10.00	T THF	0720	102
3	11.00	M W F	0720	106
4	12.00	M W F	0720	106
5	01.00	MT TH	0720	107
6	02.00	MT TH	0720	107
	ABOVE SECTION RESTR TO PR S ONLY			
7	03.00	MT TH	0720	107
8	04.00	MT TH	0720	107
203	DRAMA-ARTS OF THEA			03.0 CR
1	09.00	T TH	COMM	1037
	03.00	TH	COMM	1021
2	09.00	T TH	COMM	1037
	04.00	TH	COMM	1017
3	09.00	T TH	COMM	1037
	04.00	F	COMM	1017
4	09.00	T TH	COMM	1037
	01.00	TH	COMM	1017
5	09.00	T TH	COMM	1037
	01.00	F	COMM	1017
6	09.00	T TH	COMM	1037
	12.00	F	COMM	1017
7	09.00	T TH	COMM	1037
	02.00	TH	COMM	1021
8	09.00	T TH	COMM	1037
	02.00	F	COMM	1020
9	09.00	T TH	COMM	1037
	12.00	TH	AG	222
10	09.00	T TH	COMM	1037
	02.00	F	COMM	1006

11	09.00	T TH	COMM	1037	
	03.00	W	AG	222	
12	09.00	T TH	COMM	1037	
	03.00	W	COMM	1017	
13	09.00	T TH	COMM	1037	
	09.00	F	COMM	1018	
14	09.00	T TH	COMM	1037	
	10.00	F	COMM	1017	
15	09.00	T TH	COMM	1037	
	11.00	F	COMM	1018	
16	09.00	T TH	COMM	1037	
	12.00	TH	COMM	2012	
17	09.00	T TH	COMM	1037	
	04.00	T	COMM	2012	
18	09.00	T TH	COMM	1037	
	01.00	W	COMM	1022	
19	09.00	T TH	COMM	1037	
	03.00	F	COMM	1022	
20	09.00	T TH	COMM	1037	
	10.00	F	COMM	1021	
204	MEANING IN VIS ARTS			04.0	CR
	PREREQ GSC 101				
1	10.00	T TH	LAWSON	171	SULLIVAN JAMES E
	03.00-04.50	M	0843	103	
	03.00	T	0843	103	
2	10.00	T TH	LAWSON	171	
	09.00-10.50	W	0843	103	
	08.00	F	0843	103	
3	10.00	T TH	LAWSON	171	
	01.00-02.50	M	0843	103	
	02.00	W	0843	103	
4	10.00	T TH	LAWSON	171	
	08.00-09.50	M	0843	103	
	09.00	F	0843	103	
5	10.00	T TH	LAWSON	171	
	03.00-04.50	TH	0843	103	
	03.00	W	0843	103	
6	10.00	T TH	LAWSON	171	
	10.00-11.50	F	0843	103	
	10.00	M	0843	103	
205	MANS CONTEMP ENVIR			04.0	CR
1	08.00-09.50	T	LAWSON	161	GROSOWSKY HAROLD
	08.00	W	LAWSON	171	
	09.00	F	LAWSON	171	
2	11.00-12.50	T	LAWSON	221	GROSOWSKY HAROLD
	12.00	THF	LAWSON	221	
3	03.00-04.50	M	LAWSON	161	GROSOWSKY HAROLD
	04.00	W	LAWSON	161	
	04.00	TH	LAWSON	171	
206	FOUNDATIONS OF MUS			04.0	CR
	PREREQ GSC 100 OR CONSENT				
1	09.00	TWTHF	ALTG	115	INTRAVAIA LAWRENCE J
2	10.00	TWTHF	ALTG	115	FLOYD SAMUEL
207	PHIL OF BEAUTIFUL			03.0	CR
1	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	11.00	TH	WHAM	307	
2	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	08.00	F	H EC	106	
3	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	10.00	F	LS II	146	
4	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	01.00	F	LS I	323	
5	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	02.00	F	WARREN	129	
6	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	08.00	M	H EC	203	
7	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	12.00	TH	0720	118	
8	10.00	T TH	WHAM	105	MCCLURE GEORGE T
	08.00	T	H EC	120	



9	10.00	T TH	WHAM	105	MCCLURE	GEORGE T
	03.00	M	AG	170		
10	10.00	T TH	WHAM	105	MCCLURE	GEORGE T
	02.00	TH	WHAM	202		
11	10.00	T TH	WHAM	105	MCCLURE	GEORGE T
	03.00	TH	AG	152		
12	10.00	T TH	WHAM	105	MCCLURE	GEORGE T
	01.00	TH	TECH A	408		
208	LOGIC AND MEANING		04.0	CR		
1	11.00	M W F	LAWSON	151	EAMES	E
	02.00		TECH A	122		
2	11.00	M W F	LAWSON	151	EAMES	E
	03.00	F	LS II	250		
3	11.00	M W F	LAWSON	151	EAMES	E
	09.00	TH	TECH A	308		
4	11.00	M W F	LAWSON	151	EAMES	E
	10.00	TH	TECH A	308		
5	11.00	M W F	LAWSON	151	EAMES	E
	08.00	TH	H EC	202		
6	11.00	M W F	LAWSON	151	EAMES	E
	11.00	TH	H EC	201		
7	11.00	M W F	LAWSON	151	EAMES	E
	12.00	F	WHAM	328		
8	11.00	M W F	LAWSON	151	EAMES	E
	01.00	F	GYM	204		
9	11.00	M W F	LAWSON	151	EAMES	E
	02.00	F	0875	102		
10	11.00	M W F	LAWSON	151	EAMES	E
	03.00	F	CL	326		
11	11.00	M W F	LAWSON	151	EAMES	E
	10.00	F	AG	188		
12	11.00	M W F	LAWSON	151	EAMES	E
	01.00	TH	H EC	122		
13	02.00	M W F	LAWSON	141	EAMES	S MORRIS
	11.00	TH	AG	170		
14	02.00	M W F	LAWSON	141	EAMES	S MORRIS
	12.00	F	LS II	146		
15	02.00	M W F	LAWSON	141	EAMES	S MORRIS
	01.00	F	WHAM	312		
16	02.00	M W F	LAWSON	141	EAMES	S MORRIS
	12.00	TH	H EC	120		
17	02.00	M W F	LAWSON	141	EAMES	S
	08.00	F	H EC	203		
18	02.00	M W F	LAWSON	141	EAMES	S
	11.00	F	H EC	122		
19	02.00	M W F	LAWSON	141	EAMES	S
	03.00	TH	LS II	228		
20	02.00	M W F	LAWSON	141	EAMES	S
	10.00	F	WHAM	307		
21	02.00	M W F	LAWSON	141	EAMES	S
	03.00	W	WHLR	107		
22	02.00	M W F	LAWSON	141	EAMES	S
	08.00	TH	H EC	104		
23	02.00	M W F	LAWSON	141	EAMES	S
	09.00	TH	WHLR	214		
24	02.00	M W F	LAWSON	141	EAMES	S
	10.00	TH	H EC	120		
209	MOD LIT FORM IDEA		04.0	CR		
	PREREQ	GSC 103	OR EQUIV			
1	08.00	MTWTH	0720	107		
2	09.00	MT THF	0720	108		
3	10.00	TWTH	0720	109		
	10.00	F	AG	220		
4	11.00	MT THF	0720	107		
5	12.00	TWTHF	WHAM	307		
6	12.00	MT THF	WHAM	329		
7	01.00	MT THF	PARK	301		
8	02.00	TWTHF	WHAM	307		
9	03.00	MT THF	WHAM	319		
10	04.00	MT THF	WHAM	319		

	11	05.45-07.25	M W	WHAM	307	
	12	07.35-09.15 PM	M W	WHAM	307	
210		INTRO TO FICTION			03.0	CR
		PREREQ GSC 103	OR EQUIV			
	1	08.00	M W F	WHAM	317	
	2	08.00	M W F	0720	109	
	3	09.00	M W F	0720	109	
	4	10.00	M W F	GYM	203	
		ABOVE SECTION RESTR	TO PR S	ONLY		
	5	11.00	M W F	GYM	204	
	6	12.00	M WTH	GYM	204	
	7	01.00	M WTH	0720	109	
	8	01.00	T	WHAM	326	
		01.00	W	WHAM	321	
		01.00	F	LS II	350	
	9	02.00	M WTH	0720	109	
	10	02.00	M W F	ARENA	123	
	11	02.00	M W F	0720	108	
	12	03.00	W	WHAM	302	
		03.00	M	H EC	104	
		03.00	TH	LS II	350	
	13	03.00	M W	0875	101	
		03.00	F	0875	102	
	14	04.00	WTH	WHAM	317	
		04.00	M	H EC	120	
	15	06.00-07.15 PM	M W	WHAM	317	
	16	07.35-08.50 PM	M W	0871	101	
	17	07.35-08.50 PM	T TH	COMM	2005	
211A		ORIENTAL HUMANITIES			03.0	CR
	1	02.00	M W F	LAWSON	221	ALLEN DOUGLAS M
215		TYPES OF RELIGION			04.0	CR
	1	11.00	WTHF	NKRS B	440	HAYWARD JOHN F
		08.00	W	WHAM	303	SMITH LEMUEL E
	2	11.00	WTHF	NKRS B	440	
		10.00	W	H EC	208	SMITH
	3	11.00	WTHF	NKRS B	440	
		08.00	F	WHAM	303	SMITH LEMUEL E
	4	11.00	WTHF	NKRS B	440	
		09.00	F	WHAM	206	HAYWARD
299A		SURVIVAL OF MAN			04.0	CR
	1	10.00	MT TH	LAWSON	151	
		08.00	TH	PARK	301	
	2	10.00	MT TH	LAWSON	151	
		09.00	TH	AG	144	
	3	10.00	MT TH	LAWSON	151	
		01.00	W	AG	220	
	4	10.00	MT TH	LAWSON	151	
		12.00	W	PULL	39	
	5	10.00	MT TH	LAWSON	151	
		11.00	W	AG	152	
	6	10.00	MT TH	LAWSON	151	
		12.00	TH	AG	154	
	7	10.00	MT TH	LAWSON	151	
		03.00	TH	NKRS C	116	
	8	10.00	MT TH	LAWSON	151	
		02.00	W	BROWN	130	
	9	10.00	MT TH	LAWSON	151	
		04.00	TH	PARK	301	
	10	10.00	MT TH	LAWSON	151	
		04.00	W	PULL	41	
299B		SURVIVAL OF MAN			04.0	CR
	1	02.00	MT TH	LAWSON	151	
		08.00	W	PULL	41	
	2	02.00	MT TH	LAWSON	151	
		09.00	TH	0861	101	
	3	02.00	MT TH	LAWSON	151	
		11.00	TH	AG	216	
	4	02.00	MT TH	LAWSON	151	
		12.00	TH	AG	188	
	5	02.00	MT TH	LAWSON	151	
		12.00	W	PULL	41	

6	02.00	MT TH	LAWSON	151	
	01.00	W	ABBOTT	129	
7	02.00	MT TH	LAWSON	151	
	01.00	TH	0871	101	
8	02.00	MT TH	LAWSON	151	
	02.00	W	0875	101	
9	02.00	MT TH	LAWSON	151	
	03.00	TH	LS II	450	
10	02.00	MT TH	LAWSON	151	
	04.00	W	AG	150	
305	FR LITERARY THOUGHT		03.0	CR	
1	04.00	M W F	WHAM	328	
310	REL FOUR-WEST CIVIL		03.0	CR	
1	02.00	T TH	LAWSON	171	LEMERT
	09.00	T	H EC	118	
2	02.00	T TH	LAWSON	171	LEMERT
	03.00	TH	NKRS C	218	
3	02.00	T TH	LAWSON	171	LEMERT
	10.00	F	H EC	104	
4	02.00	T TH	LAWSON	171	LEMERT
	11.00	T	AG	150	
5	02.00	T TH	LAWSON	171	LEMERT
	12.00	T	H EC	122	
6	02.00	T TH	LAWSON	171	LEMERT
	08.00	T	H EC	122	
7	02.00	T TH	LAWSON	171	LEMERT
	08.00	F	AG	166	
8	02.00	T TH	LAWSON	171	LEMERT
	03.00	F	WHAM	206	
9	02.00	T TH	LAWSON	171	LEMERT
	11.00	F	0720	117	
10	02.00	T TH	LAWSON	171	LEMERT
	12.00	F	H EC	122	
11	02.00	T TH	LAWSON	171	LEMERT
	01.00	F	PULL	41	
12	02.00	T TH	LAWSON	171	LEMERT
	02.00	F	PULL	41	
317	RECENT AMER LIT		03.0	CR	
	PREREQ GSC 103 OR EQUIV				
1	08.00	TW F	0720	108	
	ABOVE SECTION RESTR TO PR S ONLY				
2	09.00	M W F	0720	114	
3	09.00	M W F	0720	116	
4	10.00	M W F	0861	101	
5	11.00	M W F	0720	116	
6	12.00	M W	H EC	120	
	12.00	F	WHAM	202	
7	12.00	M W F	NKRS A	278	
8	01.00	M W F	0871	102	
9	02.00	M W F	0720	114	
10	03.00	M	0720	109	
	03.00	W F	0721	101	
11	04.00	M W F	0720	114	
12	04.00	M W F	0720	116	
13	06.00-07.15 PM	M W	H EC	102	
14	07.35-08.50 PM	M W	0720	107	
325	BLACK AMER WRITERS		03.0	CR	
	PREREQ GSC 103 OR EQUIVALENT				
1	01.00	M W	0720	102	
	01.00	F	0720	101	
2	01.00	M	0720	105	
	01.00	F	0720	106	
	01.00	W	0721	102	
3	01.00	M W	0862	102	
	01.00	F	0720	107	
330	CLASSICAL MYTHOLOGY		03.0	CR	
1	01.00	M WTH	PARK	111	O'BRIEN JOAN V
2	02.00	M WTH	AG	168	O'BRIEN JOAN V
340	MODERN ART A-19 CEN		03.0	CR	
1	10.00	M W F	LAWSON	171	WALSH ROBERT

343	ART STUDIO-NON MAJ			03.0	CR	
1	10.00-11.50	M W F	0843	104		
2	01.00-02.50	M W F	0843	104		
345A	WORLD LITERATURE			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	12.00	T F	WHAM	317		
	12.00	TH	H EC	122		
2	02.00	T TH	0861	102		
	02.00	F	0861	101		
3	03.00	T THF	AG	148		
345B	WORLD LITERATURE			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	10.00	M W F	0720	114		
345C	WORLD LITERATURE			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	08.00	M W F	0862	101		
2	09.00	M	0720	103		
	09.00	W F	WHLR	207		
3	12.00	M W F	0720	104		
4	01.00	M TH	GYM	203		
	01.00	W	WHLR	214		
349	THE CINEMA			03.0	CR	
1	03.00	T	LAWSON	151		BLUMENBERG RICHARD M
	07.00-10.00 PM	T	LAWSON	151		
	SCREENING FEE FIVE DOLLARS-NOT OPEN TO CP MAJORS					
351A	MASTERPIECES NOVEL			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	10.00	M	0720	104		
	10.00	T TH	0720	103		
2	11.00	M	AG	116		
	11.00	T TH	0720	103		
351B	MASTERPIECES NOVEL			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	11.00	M	H EC	120		
	11.00	TH	0720	117		
	11.00	T	0720	109		
2	12.00	MT TH	AG	224		
3	02.00	MT	PULL	35		
	02.00	TH	H EC	106		
4	07.35-08.50 PM	T TH	0720	101		
363A	PHIL OF SCIENCE			03.0	CR	
1	11.00	M W	LAWSON	201		AUDI MICHAEL N
	01.00	T		35		
2	11.00	M W	LAWSON	201		
	02.00	T	WHAM	312		
365	SHAKESPEARE			03.0	CR	
	PREREQ GSC 103 OR EQUIV					
1	09.00	M	CL	109		
	09.00	T TH	0720	114		
2	12.00	MT TH	CL	326		
3	02.00	TH	CL	326		
	02.00	MT	WHAM	202		
4	06.00-07.15 PM	M W	0720	114		
370	AMERICAN FOLK MUSIC			03.0	CR	
	PREREQ GSC 100 OR EQUIV					
1	08.00	M W F	ALTG	115		BRANCH LONDON G
371	EVOLUTION OF JAZZ			03.0	CR	
	PREREQ GSC 100 OR EQUIV					
1	11.00	M W F	ALTG	115		BRANCH LONDON G
2	12.00	M W F	ALTG	115		BRANCH LONDON G
381	GREEK PHILOSOPHY			03.0	CR	
1	08.00	M W F	H EC	208		HOWIE JOHN
2	12.00	M W F	H EC	208		
3	01.00	M W F	H EC	208		DIEFENBECK JAMES A
4	02.00	M W F	H EC	208		
5	03.00	M W F	0720	105		

## General Studies Area D—Organization and Communication of

## Ideas (GSD)

101	ENGLISH COMPOSITION		03.0 CR	
1	08.00	M W F	WHAM	312
2	08.00	M W F	0720	114
3	08.00	M W F	TECH A	120
4	08.00	M W F	0720	116
5	08.00	M W F	0720	117
6	08.00	T TH	0720	116
	08.00	M	0720	108
7	09.00	M W F	FELTS	130
8	09.00	T TH S	0720	109
ABOVE SECTION RESTR TO DEVEL SKILLS				
9	09.00	M W F	0720	117
10	09.00	M W F	0720	118
11	09.00	T THF	0721	101
12	09.00	T TH	0721	102
	09.00	F	ARENA	119
13	09.00	M W	0720	107
	09.00	TH	0720	106
14	09.00	T THF	0720	102
15	10.00	M W F	0720	116
ABOVE SECTION RESTR TO DEVEL SKILLS				
16	10.00	M W F	WARREN	129
17	10.00	M W F	0720	117
18	10.00	M W F	0720	118
19	10.00	MT TH	0721	101
20	10.00	T TH	0720	106
	10.00	W	0720	102
21	10.00	TW	PULL	37
	10.00	F	0721	101
22	11.00	M W F	ARENA	125
23	11.00	M W F	GYM	203
24	11.00	M W F	0720	118
25	11.00	T TH	0720	118
	11.00	F	H EC	104
26	11.00	M W F	AG	220
27	11.00	F	BAILEY	130
	11.00	T TH	AG	220
28	12.00	TW F	COMM	1021
29	12.00	M W F	0720	118
ABOVE SECTION RESTR TO DEVEL SKILLS				
30	12.00	M W	0862	102
	12.00	TH	AG	144
31	12.00	M TH	GYM	203
	12.00	W	H EC	122
32	12.00	T THF	0720	117
33	12.00	M W F	0720	116
34	12.00	T TH	0720	106
	12.00	W	0720	105
35	12.00	M W F	WHAM	305
36	12.00	M WTH	0720	114
37	12.00	M W F	TECH A	120
38	12.00	TW F	GYM	203
39	12.00	M W F	WHAM	312
40	01.00	TW F	GYM	203
ABOVE SECTION RESTR TO DEVEL SKILLS				
41	01.00	T TH	0720	114
	01.00	W	0721	101
42	01.00	M W F	0720	114
43	01.00	M WTH	0720	116
44	01.00	M WTH	0720	117
45	01.00	M WTH	0720	118
46	01.00	T TH	WHAM	317
	01.00	F	WHAM	302
47	01.00	T THF	0862	101
48	01.00	T F	0720	116
	01.00	W	0720	106
49	02.00	M W F	0720	116

GIBB



50	02.00	T THF	FELTS	130
51	02.00	TW F	GYM	203
52	02.00	T TH	0720	116
	02.00	F	WHLR	107
53	02.00	M W F	0720	117
54	02.00	M WTH	TECH A	120
55	02.00	M WTH	0720	118
56	02.00	T THF	0721	101
57	02.00	M W F	AG	152
58	03.00	T F	NKRS A	458
	03.00	W	NKRS A	258
ABOVE SECTION RESTR TO DEVEL SKILLS				
59	03.00	M TH	GYM	203
	03.00	W	0720	116
60	03.00	TW F	GYM	203
61	03.00	T TH	0721	101
	03.00	F	WHAM	312
62	03.00	M F	WHAM	317
	03.00	W	WHAM	319
63	03.00	T TH	0720	118
	03.00	F	0861	101
64	03.00	M	WHAM	307
	03.00	W F	WHAM	307
65	03.00	M W F	WARREN	129
66	03.00	MT	WHLR	107
	03.00	TH	WHAM	329
67	03.00	M W F	0720	118
68	04.00	T THF	0720	118
69	04.00	M W F	0720	117
70	04.00	M W F	0720	109
71	04.00	MT TH	WHLR	107
72	04.00	MT TH	AG	220
73	04.00	M W F	0720	108
74	04.00	M W F	0721	101
75	06.00-07.15 PM	M W	0721	101
76	06.00-07.15 PM	T TH	0721	101
77	06.00-07.15 PM	T TH	0720	118
78	06.00-07.15 PM	T TH	0721	102
79	06.00-07.15 PM	M W	0720	118
80	06.00-07.15 PM	T TH	WHLR	212
81	06.00-07.25 PM	T TH	0720	117
82	07.35-08.50 PM	T TH	WHAM	329
83	07.35-08.50 PM	M W	0720	117
84	07.35-08.50 PM	T TH	0720	117
85	07.35-08.50 PM	M W	WHAM	317
86	07.35-08.50 PM	T TH	0721	101
87	07.35-08.50 PM	M W	0720	118
88	07.35-08.50 PM	M W	0720	109

102 ENGLISH COMPOSITION 03.0 CR  
PREREQ GSD 101 OR THE APPROPRIATE ACT  
SCORE

2	08.00	TWTH	0721	102
ABOVE SECTION IS HOLD SECTION				
3	08.00	M W F	H EC	102
4	08.00	M W	0720	104
	08.00	F	0720	102
5	08.00	T TH	TECH A	122
	08.00	F	TECH A	420
6	08.00	M W	0720	106
	08.00	TH	0720	108
7	08.00	T TH	0720	109
	08.00	F	0720	107
8	09.00	T TH	AG	168
	09.00	F	AG	218
9	09.00	M W	0721	101
	09.00	F	0721	102
10	09.00	M W F	PULL	41
11	10.00	M W F	WHAM	312

ABOVE SECTION IS HOLD SECTION

12	10.00	T TH	0720	114
	10.00	W	0720	104
13	10.00	W	WHAM	321
	10.00	T	WHLR	214
	10.00	TH	0720	116
14	10.00	T	0720	116
	10.00	W F	0720	105
15	10.00	W	0721	102
	10.00	T TH	0720	118
16	11.00	T TH	H EC	208
	11.00	W	0720	104
ABOVE SECTION IS HOLD SECTION				
17	11.00	M W	0720	102
	11.00	F	WHAM	328
18	11.00	T TH	0720	105
	11.00	F	WHAM	319
19	11.00	TW	0720	117
	11.00	TH	0720	101
20	11.00	T TH	0720	106
	11.00	W	0720	107
21	11.00	T THF	0720	108
22	11.00	M W	0721	101
	11.00	F	AG	116
23	11.00	T TH	0720	116
	11.00	F	WHLR	207
24	12.00	T F	0720	114
	12.00	W	0720	117
25	12.00	MT TH	0861	101
ABOVE SECTION IS HOLD SECTION				
26	12.00	M W F	0720	108
27	12.00	T TH	0720	108
	12.00	F	0720	107
28	12.00	MT TH	0720	102
29	12.00	MT TH	WHAM	303
30	12.00	M WTH	WHAM	328
31	12.00	M WTH	WHAM	317
32	12.00	T THF	WHAM	206
33	01.00	TW F	AG	152
ABOVE SECTION IS HOLD SECTION				
34	01.00	M W F	H EC	118
35	01.00	T F	0720	117
	01.00	TH	0720	102
36	01.00	T THF	AG	148
37	01.00	M	0720	108
	01.00	W	0720	107
	01.00	F	WHAM	202
38	02.00	T THF	0862	101
ABOVE SECTION IS HOLD SECTION				
39	02.00	M W	0720	104
	02.00	TH	0720	106
40	02.00	M W F	H EC	102
41	02.00	T TH	0720	102
	02.00	F	H EC	201
42	02.00	T TH	0720	114
	02.00	F	0720	107
43	03.00	M WTH	0861	101
ABOVE SECTION IS HOLD SECTION				
44	03.00	TW F	H EC	201
45	03.00	M TH	0720	101
	03.00	W	0720	108
46	03.00	W F	0720	107
	03.00	T	0720	106
47	03.00	T THF	H EC	122
48	03.00	M W F	H EC	206
49	03.00	T TH	0720	105
	03.00	W	0720	109
50	04.00	M	0720	105
	04.00	T TH	0720	116
51	04.00	MT TH	H EC	206
52	04.00	T F	0720	101
	04.00	W	0720	103

53	04.00	M W	0720	118
	04.00	F	0720	107
54	06.00-07.15 PM	M W	0720	103
55	06.00-07.15 PM	T TH	0720	103
56	06.00-07.15 PM	M W	0721	102
57	07.35-08.50 PM	M W	CL	109
58	07.35-08.50 PM	T TH	CL	109
59	07.35-08.50 PM	M W	0721	102
103	ORAL COMM OF IDEAS		03.0	CR
1	08.00	M W F	AG	222
2	08.00	M W	WHAM	319
	08.00	F	COMM	1022
3	08.00	M W F	COMM	1017
4	08.00	M W F	COMM	2012
5	08.00	T THF	AG	220
6	08.00	T TH	PULL	39
	08.00	F	COMM	1020
7	08.00	TWTH	BAILEY	130
8	08.00	T THF	COMM	1018
9	09.00	M W F	AG	222
10	09.00	M W F	PULL	39
11	09.00	M W F	COMM	1017
12	09.00	M W	COMM	2012
	09.00	F	WHAM	319
13	09.00	T TH	AG	222
	09.00	F	AG	216
14	09.00	T THF	COMM	1022
15	09.00	TWTH	LS I	323
16	09.00	T TH	WHAM	305
	09.00	F	WHAM	210
17	10.00	MT TH	AG	222
18	10.00	MT TH	CL	109
19	10.00	MT TH	WHAM	305
20	10.00	W F	AG	222
	10.00	T	TECH A	410
21	10.00	T	TECH A	420
	10.00	W	WHAM	112
	10.00	F	AG	154
22	10.00	W F	WHAM	305
	10.00	T	H EC	102
23	10.00	W	COMM	1017
	10.00	T F	COMM	1022
24	11.00	MT TH	AG	222
25	11.00	T TH	0861	102
	11.00	M	AG	148
26	11.00	MT TH	NKRS A	160
27	11.00	W F	AG	222
	11.00	T	BAILEY	130
28	11.00	W F	AG	154
	11.00	T	AG	148
29	11.00	W F	0875	101
	11.00	T	H EC	102
30	11.00	W F	COMM	1020
	11.00	T	H EC	201
31	12.00	M W F	COMM	1020
	ABOVE SECTION RESTRICTED TO		PRES SCHOLAR	
32	01.00	M	COMM	1017
	01.00	W	COMM	1006
	01.00	F	LS II	450
33	01.00	TWTH	AG	222
34	01.00	M	0861	101
	01.00	W F	CL	109
35	01.00	M W F	ARENA	119
36	02.00	M W F	COMM	1021
37	02.00	TWTH	AG	222
38	02.00	M W F	COMM	1017
39	02.00	M W	NKRS A	458
	02.00	F	NKRS C	116
40	03.00	M	AG	116
	03.00	W	AG	168
41	03.00	M W F	AG	152

42	03.00	T THF	PULL	39
43	03.00	M W F	PULL	41
44	03.00	MT TH	COMM	1017
45	04.00	M W F	COMM	2012
46	04.00	M W F	AG	222
47	04.00	T THF	PULL	41
48	04.00	M W F	COMM	1022
49	04.00	MT TH	PULL	34
50	06.00-07.25 PM	M W	COMM	1020
51	06.00-07.25 PM	T TH	COMM	1020
52	06.00-07.25 PM	M W	AG	222
53	06.00-07.25 PM	T TH	COMM	2012
54	06.00-07.25 PM	M W	WHAM	305
55	06.00-07.25 PM	T TH	AG	222
56	06.00-07.25 PM	T TH	LAWSON	121
57	06.00-07.25 PM	M W	COMM	1022
58	06.00-07.25 PM	T TH	COMM	1022
59	07.35-09.00 PM	M W	COMM	1020
60	07.35-09.00 PM	T TH	COMM	1020
61	07.35-09.00 PM	M W	AG	222
62	07.35-09.00 PM	T TH	COMM	2012
63	07.35-09.00 PM	M W	WHAM	305
64	07.35-09.00 PM	T TH	AG	222
65	07.35-09.00 PM	T TH	WHAM	305
66	07.35-09.00 PM	M W	COMM	1022
67	07.35-09.00 PM	T TH	COMM	1022
106	INTERMED ALGEBRA			00.0 CR
1	08.00	W F	NKRS C	218
	08.00	T TH	H EC	106
	ABOVE SECTION FOR PRE-111A STUDENTS			
2	09.00	MTWTH	AG	148
	ABOVE SECTION FOR PRE-107 STUDENTS			
3	10.00	T TH S	TECH A	320
	10.00	M	NKRS A	160
	ABOVE SECTION FOR PRE-111A STUDENTS			
4	11.00	T TH S	TECH A	310
	11.00	M	AG	214
	ABOVE SECTION FOR PRE-107 STUDENTS			
5	12.00	MTWTH	COMM	1006
	ABOVE SECTION FOR PRE-111A STUDENTS			
6	01.00	MTWTH	0875	101
	ABOVE SECTION FOR PRE-107 STUDENTS			
7	02.00	MTWTH	PARK	111
	ABOVE SECTION FOR PRE-111A STUDENTS			
8	03.00	MTWTH	ARENA	121
	ABOVE SECTION FOR PRE-107 STUDENTS			
9	04.00	MTWTH	TECH A	322
	ABOVE SECTION FOR PRE-111A STUDENTS			
10	05.45-07.25	T TH	TECH A	322
	ABOVE SECTION FOR PRE-111A STUDENTS			
11	07.35-09.15 PM	M W	TECH A	208
	ABOVE SECTION FOR PRE-107 STUDENTS			
107	BASIC COLLEGE MATH			05.0 CR
	PREREQ	GSD 106	OR 1 YR H.S. ALGEBRA	
1	08.00	T TH S	TECH A	322
	08.00	M W	AG	220
2	08.00	MTWTHF	TECH A	210
3	08.00	T TH	0875	102
	08.00	M W F	0871	102
4	09.00	M W	AG	150
	09.00	T TH S	TECH A	220
5	09.00	M W F	NKRS C	116
	09.00	T TH	TECH A	420
6	09.00	MTWTHF	AG	170
7	10.00	MT TH	PARK	204
	10.00	W S	TECH A	422
8	10.00	M W F	AG	216
	10.00	T TH	AG	188
9	10.00	MTWTHF	AG	168
10	11.00	T THF	WHAM	308
	11.00	M W	PARK	301

11	11.00	M W F	0861	102	
	11.00	T TH	TECH A	220	
12	11.00	T TH S	ARENA	125	
	11.00	W F	ARENA	123	
13	12.00	MTWTHF	NKRS C	218	
14	12.00	MTWTHF	AG	148	
15	12.00	MTWTHF	BROWN	130	
16	01.00	MTWTH	AG	144	
	01.00	F	AG	154	
17	01.00	MTWTHF	BROWN	130	
18	02.00	M W F	NKRS C	118	
	02.00	T TH	TECH A	420	
19	02.00	MTWTHF	NKRS A	156	
20	03.00	MTWTHF	ARENA	123	
21	03.00	MTWTHF	BROWN	130	
22	06.00-07.25 PM	M WTH	TECH A	220	
23	07.35-09.00 PM	M WTH	TECH A	222	
24	07.35-09.00 PM	M WTH	TECH A	210	
109	ELEMENTS OF PROBAB			03.0	CR
	PREREQ GSD 107				
1	08.00	M W F	TECH A	122	
2	10.00	T TH S	TECH A	310	
3	11.00	M	0875	101	
	11.00	W F	AG	188	
4	12.00	TW F	TECH A	310	
5	02.00	M WTH	TECH D	131	
6	03.00	T TH	TECH A	208	
	03.00	M	AG	224	
7	04.00	M W F	TECH A	220	
8	06.00-07.25 PM	T TH	TECH A	320	
110	ECON-BUS STATISTICS			03.0	CR
	PREREQ GSD 108B, 114B, OR				
1	08.00	MT TH	EQUIV LAWSON	171	MARTINSEK THOMAS A
2	12.00	M	LAWSON	141	BOHI
	12.00	T TH	LAWSON	161	
120A	ELEMENTARY CHINESE			03.0	CR
1	10.00	TW	PULL	41	TAI
	10.00	M	0720	121	
	10.00	F	WHLR	113	
123A	ELEMENTARY FRENCH			03.0	CR
1	08.00	M WTH	PULL	37	
	08.00	F	WHLR	18	
2	08.00	T TH S	WHAM	203	
	08.00	F	WHLR	18	
3	09.00	T THF	GYM	203	
	09.00	W	WHLR	18	
4	09.00	T TH	WHLR	207	
	09.00	F	WHLR	107	
	09.00	W	WHLR	18	
5	10.00	M W	FELTS	130	
	10.00	F	WHLR	107	
	10.00	S	WHLR	18	
6	10.00	T TH	WHLR	207	
	10.00	F	CL	24	
	10.00	S	WHLR	18	
7	11.00	T	0720	101	
	11.00	W	0720	114	
	11.00	TH	WHLR	18	
	11.00	F	AG	170	
8	11.00	T TH	GYM	204	
	11.00	W	WHLR	18	
	11.00	F	LS II	330	
9	12.00	M W F	WHLR	207	
	12.00	TH	WHLR	18	
10	12.00	M W F	AG	220	
	12.00	TH	WHLR	18	
11	12.00	TW F	WHLR	214	
	12.00	M	WHLR	18	
12	01.00	M	WHLR	214	
	01.00	T TH	CL	326	
	01.00	F	WHLR	18	



13	01.00	MT TH	ABBOTT	129
	01.00	F	WHLR	18
14	02.00	M WTH	WHLR	214
	02.00	F	WHLR	18
15	02.00	T TH	TECH A	308
	02.00	M	H EC	120
	02.00	F	WHLR	18
16	03.00	M W F	FELTS	130
	03.00	T	WHLR	18
17	04.00	M W F	H EC	102
	04.00	TH	WHLR	18
18	04.00	M W F	WHLR	207
	04.00	TH	WHLR	18
19	06.00-07.25 PM	TH	AG	220
	05.00	T	WHLR	18
	06.00-07.25 PM	T	H EC	202
20	07.35-09.00 PM	M W	H EC	102
	06.00 PM	W	WHLR	18
123B	ELEMENTARY FRENCH			03.0 CR
	PREREQ GSD 123A			
1	11.00	M WTH	BAILEY	130
	11.00	F	WHLR	18
2	12.00	TW F	CL	25
	12.00	M	WHLR	18
123C	ELEMENTARY FRENCH			03.0 CR
	PREREQ GSD 123B			
1	11.00	T F	PIERCE	130
	11.00	TH	ABBOTT	129
	11.00	W	WHLR	18
2	02.00	M WTH	WARREN	129
	02.00	F	WHLR	18
3	03.00	MT TH	AG	220
	03.00	F	WHLR	18
4	04.00	MT TH	AG	188
	04.00	W	WHLR	18
5	04.00	MT TH	H EC	104
	04.00	W	WHLR	18
	SEE FR LISTING FOR FR CONVERSATION			
126A	ELEMENTARY GERMAN			03.0 CR
1	08.00	M W F	WHLR	212
	08.00	T	WHLR	18
2	08.00	M W F	WHLR	214
	08.00	T	WHLR	18
3	08.00	M W F	AG	144
	08.00	S	WHLR	18
4	09.00	M W F	ABBOTT	129
	09.00	T	WHLR	18
5	10.00	M	LAWSON	131
	10.00	TH	WHLR	18
	10.00	W	AG	220
	10.00	F	LS II	350
6	10.00	M W F	GYM	204
	10.00	TH	WHLR	18
7	12.00	MT F	WHLR	212
	12.00	W	WHLR	18
8	01.00	M W F	WARREN	129
	01.00	T	WHLR	18
9	01.00	M W F	WHAM	228
	01.00	T	WHLR	18
10	02.00	M W	AG	170
	02.00	TH	WHLR	18
	02.00	F	AG	154
11	02.00	M W F	WHLR	207
	02.00	TH	WHLR	18
12	03.00	M W F	WHLR	212
	03.00	TH	WHLR	18
13	03.00	M W F	WHLR	214
	03.00	TH	WHLR	18
14	04.00	M W F	WHLR	212
	04.00	T	WHLR	18

15	06.00-07.25 PM	M W	WHLR	212	
	05.00	W	WHLR	18	
16	07.35-09.00 PM	M W	WHLR	212	
	06.00 PM	M	WHLR	18	
SEE GER LISTING FOR GER CONVERSATION					
126B	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSD 126A				
1	12.00	MT TH	PULL	41	
	12.00	W	WHLR	18	
2	04.00	M	WHLR	113	
	04.00	T	WHLR	18	
	04.00	W F	WHLR	214	
SEE GER LISTING FOR GER CONVERSATION					
126C	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSD 126B				
1	08.00	M W F	CL	24	
	08.00	S	WHLR	18	
2	01.00	M	WHLR	207	
	01.00	T F	WHLR	107	
	01.00	W	WHLR	18	
3	04.00	M W F	PARK	111	
	04.00	T	WHLR	18	
SEE GER LISTING FOR GER CONVERSATION					
130A	ELEM CLASSICAL GRK			03.0 CR	
1	10.00	W F	FELTS	130	OBRIEN JOAN V
	10.00	M	PULL	41	
133A	ELEMENTARY LATIN			03.0 CR	
1	01.00	MT TH	WHLR	113	SPECK CHARLES W
135A	ELEM PORTUGUESE			03.0 CR	
1	09.00	T F	WHAM	208	
	09.00	W	CL	25	
	09.00	M	WHLR	18	
136A	ELEMENTARY RUSSIAN			03.0 CR	
1	10.00	TH	AG	170	
	10.00	T F	COMM	1018	
	10.00	W	WHLR	18	
2	11.00	TW' F	WHLR	107	
	11.00	M	0720	121	
3	02.00	T	WHLR	207	
	02.00	M	WHLR	18	
	02.00	W F	WHLR	212	
SEE RUSSIAN LISTING FOR CONVERSATION					
4	06.00-07.25 PM	T TH	WHLR	214	
	07.35-08.25 PM	T	WHLR	18	
136C	ELEMENTARY RUSSIAN			03.0 CR	
	PREREQ GSD 136B				
1	01.00	TW F	WHLR	207	MARTIN J L JR
	01.00	M	WHLR	18	
140A	ELEMENTARY SPANISH			03.0 CR	
1	08.00	M W F	WHAM	212	
	08.00	TH	WHLR	18	
2	08.00	M W	PARK	309	
	08.00	F	FELTS	130	
	08.00	TH	WHLR	18	
3	08.00	T TH	WHLR	214	
	08.00	W	WHLR	18	
	08.00	F	WHLR	107	
4	09.00	M W	NKRS A	458	
	09.00	TH	WHLR	18	
	09.00	F	WHAM	307	
5	09.00	M	WHAM	329	
	09.00	TH	WHLR	18	
	09.00	W F	H EC	104	
6	10.00	M TH	COMM	1017	
	10.00	T	WHLR	18	
	10.00	F	LS II	450	
7	10.00	T TH	NKRS C	118	
	10.00	F	H EC	203	
	10.00	M	WHLR	18	

8	10.00	M W F	WHLR	214
	10.00	T	WHLR	18
SEE SPAN LISTING FOR SPAN CONVERSATION				
9	10.00	M	LAWSON	121
	10.00	T TH	NKRS A	160
	10.00	F	WHLR	18
10	11.00	M W F	WHLR	214
	11.00	S	WHLR	18
11	11.00	T	COMM	1022
	11.00	S	WHLR	18
	11.00	F	WHLR	113
	11.00	TH	LS II	250
12	11.00	M W F	WARREN	129
	11.00	T	WHLR	18
13	12.00	M W F	H EC	104
	12.00	T	WHLR	18
14	01.00	M	COMM	1020
	01.00	W	WHLR	113
	01.00	TH	WHLR	18
	01.00	F	NKRS A	458
15	01.00	M W F	0875	102
	01.00	TH	WHLR	18
16	02.00	M W F	NKRS A	258
	02.00	T	WHLR	18
17	02.00	M W	WHLR	113
	02.00	F	WHAM	328
	02.00	T	WHLR	18
18	02.00	M	FELTS	130
	02.00	T F	H EC	104
	02.00	W	WHLR	18
19	02.00	M THF	LS II	250
	02.00	W	WHLR	18
20	03.00	WTH	WHAM	303
	03.00	M	WHLR	18
	03.00	T	WHLR	212
21	03.00	TW F	H EC	104
	03.00	M	WHLR	18
22	04.00	M WTH	PARK	309
	04.00	F	WHLR	18
23	04.00	T TH	WHLR	207
	04.00	F	WHLR	18
	04.00	M	WHLR	214
24	04.00	T	WHLR	212
	04.00	W F	WHLR	107
	04.00	M	WHLR	18
25	06.00-07.25 PM	M W	H EC	104
	05.00	M	WHLR	18
26	06.00-07.25 PM	T TH	H EC	206
	07.35-08.25 PM	TH	WHLR	18
27	06.00-07.25 PM	M W	WHLR	113
	05.00	M	WHLR	18
1408	ELEMENTARY SPANISH			03.0 CR
	PREREQ	GSD 140A	OR EQUIVALENT	
1	08.00	M THF	PIERCE	130
	08.00	W	WHLR	18
2	09.00	M W F	LS II	250
	09.00	S	WHLR	18
3	12.00	M WTH	WHLR	113
	12.00	F	WHLR	18
SEE SPAN LISTING FOR SPAN CONVERSATION				
4	12.00	M	H EC	201
	12.00	TW	H EC	202
	12.00	F	WHLR	18
SEE SPAN LISTING FOR SPAN CONVERSATION				
5	03.00	M TH	H EC	201
	03.00	W	WHLR	18
	03.00	F	H EC	102
6	03.00	MT TH	LS II	146
	03.00	W	WHLR	18

140C	ELEMENTARY SPANISH		03.0 CR	
	PREREQ	GSD 140B	OR EQUIVALENT	
1	08.00	T F	WHAM	319
	08.00	M	WHLR	18
	08.00	W	AG	150
2	08.00	M	WHLR	18
	08.00	T TH	WHLR	113
	08.00	F	PULL	37
3	10.00	T	GYM	203
	10.00	TH S	PULL	41
	10.00	M	WHLR	18
4	11.00	T TH	H EC	120
	11.00	M	WHLR	18
	11.00	F	WHAM	112
5	11.00	F	WHAM	305
	11.00	M	WHLR	18
	11.00	T TH	TECH A	120
6	12.00	M W F	WHLR	107
	12.00	T	WHLR	18
7	04.00	T THF	0720	105
	04.00	M	WHLR	18
8	06.00-07.25 PM	M W	H EC	202
	07.35-08.25 PM	M	WHLR	18
144A	ELEMENTARY ITALIAN		03.0 CR	
1	09.00	M	WHLR	207
	09.00	W	TECH A	120
	09.00	TH	WHLR	212
	09.00	F	WHLR	18
2	01.00	T	H EC	122
	01.00	TH	WHLR	207
	01.00	F	WHLR	113
	01.00	M	WHLR	18
3	06.00-07.25 PM	T TH	WHLR	107
	05.00	TH	WHLR	18
210G	UNCOM LANG- VIETNAM		05.0 CR	
1	09.00	MTWTHF	AG	224
	11.00	MT THF	0721	102
	11.00	W	H EC	122A
	LAB TO BE ARRANGED			
210J	SERBO-CROATIAN		05.0 CR	
1	03.00	MTWTHF	AG	188
	2 HRS OF LAB TBA			

### General Studies Area E—Health and Physical Development (GSE)

100A	RESTRICTED P E		01.0 CR	
1	08.00-10.50	S	PULL P	11
	SECT 1 RESTR TO HANDICAPPED STU. CONSENT OF INSTR REQ.			
2	10.00	M W F	ARENA	555
3	11.00	M W F	ARENA	555
	SEE FOOTNOTE BELOW			
101A	SWIMMING-BEGINNING		01.0 CR	
2	08.00-08.40	M W F	PULL P	11
3	08.00-09.30	T TH	PULL P	11
4	08.45-09.20	M W F	PULL P	11
	SECT 163 LIMITED TO STUDENTS WITH NO SWIM SKILLS			
5	09.00-10.30	T TH	PULL P	11
	SECT 264 LIMITED TO STUDENTS WITH ADV BEG SKILLS			
101B	SWIMMING - INTERMED		01.0 CR	
1	11.00-12.30	T TH	PULL P	11
2	12.00-01.30	T TH	PULL P	11
	ABOVE SECTIONS RESTR TO STUDENTS SWIM 200YDS			
101D	SKIN DIVING		01.0 CR	
	PREREQ CONSENT OF INSTR			
1	09.30-10.25	M W F	PULL P	11
	12.00	TH	LAWSON	121
	CARROLL			

2	10.30-11.25	M W F	PULL P	11	CARROLL
	12.00	TH	LAWSON	121	
FIRST HALF OF TERM ONLY-CROSSLISTED WITH GSE 111D					
101E	SCUBA DIVING			01.0 CR	
	PREREQ GSE 101D				
1	09.30-10.25	M W F	PULL P	11	CARROLL
	12.00	TH	LAWSON	121	
2	10.30-11.25	M W F	PULL P	11	CARROLL
	12.00	TH	LAWSON	121	
LAST HALF OF TERM ONLY-CROSSLISTED WITH GSE 111E					
102	PHYSICAL FITNESS			02.0 CR	
1	08.00	M W	ARENA	555	LONG LINN L
	11.00	T	LAWSON	151	
2	09.00	M W	ARENA	555	LONG LINN L
	11.00	T	LAWSON	151	
3	09.00	T TH	ARENA	555	LONG LINN L
	11.00	T	LAWSON	151	
4	10.00	T TH	ARENA	555	
	03.00	TH	LAWSON	151	
5	11.00	M W	ARENA	555	
	11.00	T	LAWSON	151	
6	11.00	T TH	PULL	102	
	03.00	TH	LAWSON	151	
7	11.00	T F	ARENA	555	
	03.00	TH	LAWSON	151	
8	12.00	T F	ARENA	555	
	11.00	T	LAWSON	151	
9	01.00	M W	ARENA	555	
	11.00	T	LAWSON	151	
10	01.00	T TH	PULL	102	
	03.00	TH	LAWSON	151	
11	01.00	T F	ARENA	555	JONES
	03.00	TH	LAWSON	151	
12	02.00	M W	ARENA	555	
	03.00	TH	LAWSON	151	
13	02.00	T TH	PULL	102	
	03.00	TH	LAWSON	151	
103A	SQ AND SOC DANCE			01.0 CR	
1	11.00	MT F	GYM	114	
2	04.00-05.30	T TH	GYM	114	
CROSSLISTED WITH GSE 113A					
104A	ACTIVITY-ARCHERY			01.0 CR	
1	10.00-11.50	M W	ARENA	555	
2	02.00-03.50	T TH	ARENA	555	
ABOVE SECTIONS MEET ONLY FIRST NINE WEEKS					
104B	ACTIVITY-BADMINTON			01.0 CR	
1	08.00-09.30	T TH	ARENA	555	MEADE WILLIAM T
104D	ACTIVITY-BOWLING			01.0 CR	
1	08.00	M W F	U CTR	48	MEADE
2	09.00	M W F	U CTR	48	
3	09.00-10.30	T TH	U CTR	48	
4	10.00	M W F	U CTR	48	
5	11.00	M W F	U CTR	48	
6	11.00-12.30	T TH	U CTR	48	
7	12.00	M W F	U CTR	48	
8	01.00	M W F	U CTR	48	
9	01.00-02.30	T TH	U CTR	48	
GSE 104D-FEE REQUIRED					
10	02.00	M W F	U CTR	48	
GSE 104E MEETS FIRST NINE WEEKS ONLY					
104E	ACTIVITY-GOLF			01.0 CR	
2	10.00-11.50	M F	ARENA	555	
3	10.00-11.50	T TH	ARENA	555	
4	12.00-01.50	M W	ARENA	555	
5	12.00-01.50	T TH	ARENA	555	HOLDER LYNN C
6	02.00	MTWTH	ARENA	555	WILKINSON



104F	ACTIVITY-SOCCER			01.0 CR	
1	12.00	M W F	ARENA	555	
	ABOVE SECTIONS MEET FIRST NINE WEEKS ONLY				
104H	ACTIVITY-TENNIS			01.0 CR	
2	10.00-11.50	M W	TENNIS	100	
3	10.00-11.50	T TH	TENNIS	100	
4	12.00-01.50	M W	TENNIS	100	
5	12.00-01.50	T TH	TENNIS	100	
104I	ACTIVITY-VOLLEYBALL			01.0 CR	
1	01.00-02.50	M W	ARENA	555	
104J	ACTIVITY-SOFTBALL			01.0 CR	
1	10.00-11.50	T TH	ARENA	555	
	GSE 104J MEETS FIRST NINE WEEKS ONLY				
104N	ACTIVITY-CROSS COUN			01.0 CR	
1	11.00	M W F	ARENA	555	
104Q	ACTIVITY-FLY & BAIT			01.0 CR	
1	08.00	MTWTH	ARENA	555	FRANKLIN C C JR
	MUST OWN FLY OR SPIN CAST EQUIP.-MEETS FIRST 9 WEEKS				
104R	ACTIVITY-STUNTS			01.0 CR	
1	12.00	M W F	ARENA	555	
104T	ACTIVITY-TOUC& FOOT			01.0 CR	
1	08.00	MTWTH	ARENA	555	
2	09.00	MTWTH	ARENA	555	
	ABOVE SECTIONS MEET FIRST NINE WEEKS ONLY				
104U	ACTIVITY-WRESTLING			01.0 CR	
1	08.00	MTWTH	ARENA	555	MAZIE
	GSE 104U MEETS FIRST NINE WEEKS ONLY				
104W	ACTIVITY-JUDO			01.0 CR	
1	11.00-12.30	T TH	ARENA	555	FRANKLIN C C JR
104X	ACTIVITY-HANDBALL			01.0 CR	
1	08.00	MTWTH	HDBALL	100	
2	09.00	MTWTH	HDBALL	100	
3	10.00	MTW F	HDBALL	100	MEADE
4	11.00	MTWTH	HDBALL	100	
5	01.00-02.50	T TH	HDBALL	100	
	GSE 104X MEETS FIRST NINE WEEKS FEE REQ				
105	WEIGHT CONTROL			01.0 CR	
	PREREQ CONSENT OF INSTR				
1	09.00	M W F	ARENA	555	KNOWLTON RONALD G
	CONSENT OF INSTRUCTOR REQUIRED				
106	UNIV ORIENTEERING			01.0 CR	
1	01.00-03.50	F		555	ACKERMAN KEN
110A	RESTRICTED P E			01.0 CR	
1	03.00	M W F	GYM	114	COTTEN SARAH ELLEN
111A	SWIMMING-BEGINNING			01.0 CR	
1	01.00	M W F	PULL P	11	
2	01.00-02.30	T TH	PULL P	11	COOPER CAROL
3	07.00	PM MT TH	PULL P	11	COOPER CAROL
111B	SWIMMING-INTERMED			01.0 CR	
	PREREQ GSE 111A OR EQUIVALENT				
1	01.00	M W F	PULL P	11	COOPER
2	02.00	M W F	PULL P	11	
3	02.00	M W F	PULL P	11	
4	03.00	M W F	PULL P	11	
5	07.00	PM MT TH	PULL P	11	ILLNER
111D	SKIN DIVING-WOMEN			01.0 CR	
	PREREQ CONSENT OF INSTR				
1	09.30-10.25	M W F	PULL P	11	
	12.00	TH	LAWSON	121	
	FIRST HALF OF TERM ONLY				
2	10.30-11.35	M W F	PULL P	11	
	12.00	TH	LAWSON	121	
	CROSS LISTED WITH PEM-FIRST HALF OF TERM ONLY				
111E	SCUBA DIVING-WOMEN			01.0 CR	
	PREREQ GSE 111D				
1	09.30-10.25	M W F	PULL P	11	

	12.00	TH	LAWSON	121	
	LAST HALF OF TERM ONLY				
2	10.30-11.25	M W F	PULL P	11	
	12.00	T	LAWSON	121	
	CROSS LISTED WITH PEM-FIRST HALF OF TERM ONLY				
112	EXERCISE FOR FITNES			01.0	CR
1	10.00	T THF	GYM	208	
2	05.00-06.30	M W	GYM	207	
	CROSSLISTED WITH PEM				
113A	SQUARE DANCE			01.0	CR
2	11.00	MT F	GYM	114	
3	04.00-05.30	T TH	GYM	114	
113D	DANCE-BEG CONTEMP			01.0	CR
1	08.00	M W F	GYM	208	
2	02.00	T THF	GYM	208	
3	02.00	M W F	0813	101	GRAY WINSTON G
4	03.00	M W F	GYM	208	LITHERLAND BARBARA A
5	03.00	TWTH	GYM	208	LITHERLAND BARBARA A
6	04.00	M W F	0813	101	
114A	ACTIVITY-ARCHERY			01.0	CR
1	12.00-01.50	M W	GYM	208	
	FIRST 8 WEEKS				
2	02.00-03.50	M W	GYM	208	
	FIRST 8 WEEKS				
114B	ACTIVITY-BADMINTON			01.0	CR
1	11.00	M W F	GYM	207	
2	01.00	M W F	GYM	207	
3	01.00	TWTH	GYM	207	
4	02.00	M W F	GYM	207	
5	02.00	TWTH	GYM	207	
114D	ACTIVITY-BOWLING			01.0	CR
1	09.00	M W F	U CTR	48	
2	09.00-10.30	T TH	U CTR	48	
	FEE REQUIRED FOR GSE 114D				
3	10.00	M W F	U CTR	48	
4	11.00	M W F	U CTR	48	COOPER
5	12.00	M W F	U CTR	48	
6	12.00-01.30	T TH	U CTR	48	
7	01.00	M W F	U CTR	48	
8	01.00-02.30	T TH	U CTR	48	
9	02.00	M W F	U CTR	48	
10	02.00-03.30	T TH	U CTR	48	
11	03.00	M W F	U CTR	48	
12	03.00-04.30	T TH	U CTR	48	
13	04.00	M W F	U CTR	48	
14	04.00-05.15	T TH	U CTR	48	
114H	ACTIVITY-TENNIS			01.0	CR
1	08.00-09.35	M WTHF	GYM	206	
	FIRST 6 WEEKS				
2	09.00-10.35	M WTHF	GYM	114	
	FIRST 6 WEEKS				
3	10.00-11.35	TWTHF	GYM	114	COTTEN SARAH ELLEN
	FIRST 6 WEEKS				
4	11.00-12.35	MT THF	GYM	206	
	FIRST 6 WEEKS				
5	12.00-01.35	MT THF	GYM	206	
	FIRST 6 WEEKS				
6	01.00-02.35	M WTHF	GYM	206	
	FIRST 6 WEEKS				
7	02.00-03.35	MT THF	GYM	206	
	FIRST 6 WEEKS				
8	03.00-04.35	MTWTH	GYM	206	
	FIRST 6 WEEKS				
114I	ACTIVITY-VOLLEYBALL			01.0	CR
1	03.00-04.30	T TH	GYM	207	
2	07.00-08.30 PM	M W	GYM	208	
114M	ACTIVITY-FENCING			01.0	CR
1	01.00-02.30	T TH	GYM	114	COTTON
2	02.00	M W F	GYM	114	COTTEN SARAH ELLEN

3	03.00-04.30	T TH	GYM	114
4	04.00-05.30	M W	GYM	114
114P	ACTIVITY-GYM & TUMB		01.0	CR
1	03.00	M W F	GYM	207
2	04.00	M W F	GYM	207
201	HEALTHFUL LIVING		03.0	CR
1	08.00	M W F	ARENA	119
2	08.00	M W F	ARENA	121
3	09.00	M W	WHAM	105
	08.00	TH	ARENA	125
4	09.00	M W	WHAM	105
	08.00	F	ARENA	123
5	09.00	M W	WHAM	105
	09.00	TH	ARENA	123
6	09.00	M W	WHAM	105
	10.00	TH	TECH A	322
7	09.00	M W	WHAM	105
	09.00	TH	TECH A	320
8	09.00	M W	WHAM	105
	11.00	TH	TECH A	308
9	09.00	M W	WHAM	105
	09.00	TH	TECH A	310
10	09.00	M W	WHAM	105
	02.00	TH	NKRS C	116
11	09.00	M W	WHAM	105
	03.00	TH	TECH A	320
12	09.00	M W	WHAM	105
	04.00	TH	ARENA	123
13	09.00	M W F	TECH A	310
14	09.00	M W F	TECH A	222
15	09.00	M W F	TECH A	308
16	09.00	M W F	H EC	102
17	09.00	M W	H EC	118
	09.00	TH	H EC	202
18	09.00	M W F	H EC	201
19	10.00	M W F	TECH A	310
20	10.00	M W F	TECH A	308
21	10.00	M WTH	COMM	1022
22	10.00	M WTH	COMM	1021
23	10.00	M W	COMM	1018
	10.00	F	COMM	1020
24	10.00	M W F	H EC	102
25	11.00	M W F	TECH A	308
26	11.00	M W F	TECH A	310
27	11.00	M W F	TECH A	222
28	11.00	M W F	H EC	102
29	11.00	M WTH	COMM	1022
30	11.00	M WTH	COMM	1018
31	12.00	M W	LAWSON	151
	12.00	F	ARENA	125
32	12.00	M W	LAWSON	151
	01.00	F	ARENA	125
33	12.00	M W	LAWSON	151
	08.00	TH	ARENA	121
34	12.00	M W	LAWSON	151
	11.00	F	ARENA	121
35	12.00	M W	LAWSON	151
	12.00	F	TECH A	322
36	12.00	M W	LAWSON	151
	12.00	TH	TECH A	410
37	12.00	M W	LAWSON	151
	01.00	TH	ARENA	121
38	12.00	M W	LAWSON	151
	12.00	TH	TECH A	320
39	12.00	M W	LAWSON	151
	03.00	TH	TECH A	410
40	12.00	M W	LAWSON	151
	12.00	F	TECH A	308
41	01.00	M W	WHAM	105
	08.00	TH	ARENA	123

42	01.00	M W	WHAM	105
	08.00	F	TECH A	310
43	01.00	M W	WHAM	105
	12.00	TH	TECH A	210
44	01.00	M W	WHAM	105
	01.00	TH	TECH A	320
45	01.00	M W	WHAM	105
	01.00	TH	TECH A	222
46	01.00	M W	WHAM	105
	02.00	F	TECH D	131
47	01.00	M W	WHAM	105
	03.00	TH	ARENA	119
48	01.00	M W	WHAM	105
	03.00	F	ARENA	121
49	01.00	M W	WHAM	105
	04.00	TH	ARENA	125
50	01.00	M W	WHAM	105
	04.00	F	ARENA	125
51	01.00	M W	COMM	1018
	01.00	F	COMM	1022
52	01.00	M W F	TECH A	310
53	01.00	M W F	TECH A	308
54	01.00	M WTH	H EC	102
55	01.00	M W F	COMM	1021
56	01.00	M W F	TECH A	222
57	02.00	M W F	ARENA	121
58	02.00	T TH	ARENA	123
	02.00	F	BROWN	130
59	03.00	M W F	ARENA	119
60	03.00	T THF	BAILEY	130

## SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>Accounting (ACCT)</b>				
250	ACCT FUNDAMENTALS		04.0 CR	
1	04.00	MT THF	LAWSON	201
251A	FINANCIAL ACCT		04.0 CR	
	PREREQ SOPHOMORE STANDING			
1	08.00	MT THF	CL	12
2	09.00-10.50	W S	CL	12
3	10.00	MT THF	CL	12
4	12.00	MT THF	LAWSON	231
5	01.00	MT THF	LAWSON	231
6	02.00	MT THF	CL	12
7	03.00	MT THF	LAWSON	231
8	04.00	MT THF	LAWSON	231
9	04.00	MT THF	CL	12
10	05.45-07.25	M W	CL	12
251B	FINANCIAL ACCT		04.0 CR	
	PREREQ ACCT 251A			
1	08.00	MT THF	CL	18
2	08.00-09.50	W S	CL	18
3	12.00	MT THF	CL	18
4	04.00	MT THF	CL	18
5	05.45-07.25	T TH	CL	12
261	MANAGEMENT ACCT		04.0 CR	
	PREREQ ACCT 251B AND MATH 111A			
1	09.00	MT THF	CL	18
2	12.00	MT THF	CL	12
3	02.00	MT THF	LAWSON	231
4	03.00	MT THF	CL	12
5	05.45-07.25	M W	CL	18
315	EDP IN BUSINESS		04.0 CR	
	PREREQ ACCT 261			
1	01.00	TH	LAWSON	171
	08.00	MTW	LAWSON	201

2	01.00	TH	LAWSON	171	
	01.00	MTW	H EC	206	
3	01.00	TH	LAWSON	171	
	04.00	MTW	LAWSON	101	
331	TAX ACCOUNTING			04.0	CR
	PREREQ ACCT 261				
1	01.00	MT THF	CL	12	
341	COST ACCOUNTING			04.0	CR
	PREREQ ACCT 261				
1	10.00-11.50	T TH	CL	18	
2	02.00-03.50	T TH	CL	18	
351A	INTERMEDIATE ACCT			04.0	CR
	PREREQ ACCT 261				
1	10.00-11.50	M W	CL	18	
2	02.00-03.50	M W	CL	18	
351B	INTERMEDIATE ACCT			04.0	CR
	PREREQ ACCT 351A				
1	09.00	MT THF	CL	12	
410	ACCOUNTING CONCEPTS			04.0	CR
	PREREQ MBA STUDENTS ONLY, ACCT 250 OR 251C				
1	01.00	MT THF	CL	25	
456	AUDITING			04.0	CR
	PREREQ ACCT 331, 341, AND 351A,B				
1	11.00	TWTHF	CL	12	
475	BUDGETING & SYSTEMS			04.0	CR
	PREREQ ACCT 261, FIN 320				
1	01.00	MT THF	CL	18	

#### Aerospace Studies (A S)

100A	CORPS TRAINING			00.0	CR	
1	10.00	T	LIB	26		FORSYTH MILTON D JR
101	U S AIR FORCE			01.0	CR	
1	09.00	T	WHLR	113		FORSYTH MILTON D JR
2	09.00	TH	WHLR	113		FORSYTH MILTON D JR
3	11.00	T	WHLR	113		FORSYTH MILTON D JR
4	11.00	TH	WHLR	113		FORSYTH MILTON D JR
200A	CORPS TRAINING			00.0	CR	
	PREREQ AS 100					
1	10.00	T	LIB	26		FORSYTH MILTON D JR
201	US DEFENSE POLICY			01.0	CR	
1	09.00	W	WHLR	113		CARLSON C R
2	11.00	W	WHLR	113		CARLSON C R
300A	CORPS TRAINING			00.0	CR	
	PREREQ GMC OR FIELD TRAINING					
1	10.00	T	LIB	26		FORSYTH
301	DEVEL OF AIR POWER			03.0	CR	
	PREREQ GMC OR FIELD TRAINING					
1	09.00	M WTH	WHLR	107		CHASTAIN CHARLIE W
2	10.00	M WTH	WHLR	107		CHASTAIN CHARLIE W
3	02.00	M WTH	WHLR	107		CHASTAIN CHARLIE W
340A	CORPS TRAINING			00.0	CR	
	PREREQ AS 300					
1	10.00	T	LIB	26		FORSYTH
351	A F LEADERSHIP			03.0	CR	
	PREREQ AS 301, 302, 303					
1	09.00	M WTH	WHLR	107		TORLINE NORBERT K
2	01.00	M WTH	WHLR	107		TORLINE NORBERT K

#### Agricultural Industries (AG I)

204	INTRO AG ECONOMICS			04.0	CR	
1	02.00	MTW	AG	166		HERR WILLIAM M
	02.00	TH	AG	225		
2	02.00	MTW	AG	166		HERR WILLIAM M
	02.00	F	AG	225		HERR WILLIAM M
3	02.00	MTW	AG	166		HERR WILLIAM M
	03.00	TH	AG	225		HERR WILLIAM M
306A	SOIL & WATER CONS			03.0	CR	
	PREREQ ONE COURSE IN SOILS					
1	11.00	M W F	AG	166		SATCHELL DONALD P
	CROSSLISTED WITH PL I 306A					



306B	SOIL & WATER CONS		02.0 CR	
	PREREQ AG I 306A OR COCURRENT ENROLLMENT IN 306A			
1	11.00-12.50 T TH	AG	195	STITT
	CROSSLISTED WITH PL I 306B			
2	03.00-04.50 T TH	AG	195	STITT
309	AGRICULTURAL EDUC		04.0 CR	
	PREREQ S ED 310, AG I 311, & 48 HRS I N AGRICULTURE			
1	09.00-11.50 MTWTHF	AG	155	WOOD
312	STUDENT TEACH-AG ED		12.0 CR	
	PREREQ CONCURRENT 309			
1	TO BE ARRANGED			
350	FARM MANAGEMENT		05.0 CR	
	PREREQ AG I 204 OR GSB 211A			
1	01.00 MT THF	AG	225	LANGFORD GORDON
	12.00-01.50 W	AG	225	
2	01.00 MT THF	AG	225	LANGFORD GORDON
	03.00-04.50 F	AG	225	LANGFORD GORDON
352	AGRICULTURAL PRICES		03.0 CR	
	PREREQ AG I 354			
1	08.00 MT TH	AG	225	SOLVERSON LYLE
359	INTERN PROGRAM		03.0 TO 05.0 CR	
	PREREQ JR STANDING			
1	TO BE ARRANGED			
375	BASIC AG MECH		03.0 CR	
	PREREQ MATH 107A, GSA 101A, B OR EQUIV			
1	08.00-09.50 T THF	0831	101	
2	11.00-12.50 M W F	0831	101	
3	03.00-04.50 T THF	0831	101	
381	AGRI SEMINAR		01.0 TO 02.0 CR	
	PREREQ SENIORS ONLY			
1	04.00 T	AG	225	
	CROSSLISTED WITH PL I 381			
390	SPEC STUD AG I		01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN			
1	TO BE ARRANGED			
391	HONORS IN AG INDUST		01.0 TO 06.0 CR	
	PREREQ JR STAND, 4.0 GPA & 4.25 IN MAJ< , & CONSENT OF DEPT CHM			
1	TO BE ARRANGED			
412	PRIN AG MECHANIZAT		04.0 CR	
1	09.00 T TH	AG	225	WOOD & STITT
	08.00-09.50 M W	AG	102A	
2	09.00 T TH	AG	225	WOOD & STITT
	03.00-04.50 M W	AG	102A	
418	MKT PRAC-DEV CATRIE		03.0 CR	
	PREREQ ECON 215 OR AG I 354			
1	10.00 MTW	AG	225	WILLS
450	ADV FARM MANAGEMENT		04.0 CR	
	PREREQ AG I 350			
1	11.00 MTW	AG	225	LYBECKER
	11.00-12.50 F	AG	225	
456B	AG MKTG - LIVESTOCK		02.0 CR	
	PREREQ AG I 354, OR CONSENT OF INSTR			
1	03.00 M W	AG	225	HONNEGGER
	CROSSLISTED WITH AN I 456B			
485	PRIN-PHIL VO TEC ED		03.0 CR	
	PREREQ STUDENT TEACHING OR CONSENT OF DEPARTMENT			
1	09.00-11.30 S	TECH A	208	RAMP
520	READINGS		01.0 TO 06.0 CR	
1	TO BE ARRANGED			
554	ADV AGRI MARKETING		04.0 CR	
	PREREQ 12 HRS OR EQUIV IN ECON OR AG ECON			
1	08.00 MTWTH	AG	155	WILLS WALTER J
575	RESEARCH		01.0 TO 06.0 CR	
1	TO BE ARRANGED			
599	THESIS		01.0 TO 09.0 CR	
1	TO BE ARRANGED			

# Administration of Justice (A J)

200	INTRO-CRIMINAL BEH			04.0	CR	
1	09.00-10.50	T TH	0685	200	MCMILLIN	
2	02.00-03.50	T TH	0685	200	MATTHEWS	
201	SOC RESPON-OFFENDER			04.0	CR	
1	02.00-03.50	M W	0685	200		
2	07.00-09.50 PM	W	LS II	250	HERMON	
300	DIAGNOSIS & EVAL			04.0	CR	
1	07.00-09.50 PM	T	0685	102	ANDERSON	
301	HUM REL-JUS AGENCY			04.0	CR	
1	10.00-11.50	M TH	0685	102	BRODSKY STANLEY L	
302	COMM-BASED CORRECT			04.0	CR	
1	09.00-10.50	M W	0685	200	ALEXANDER	
305	LEGAL ASPECTS			04.0	CR	
1	07.00-09.50 PM	T	0685	200	DREHER	
383	INTERNSHIP		04.0	TO 12.0	CR	
	PREREQ 16 HRS AJ					
1	TO BE ARRANGED				ANDERSON	
411	CRIT ISSUE-CRIM JUS			04.0	CR	
1	07.00-09.50 PM	W	0685	200	PILLAI	
501A	CRIM BEH-PROB&CHAR			04.0	CR	
1	02.00-03.50	M W	ABBOTT	129	BRODSKY	
599	THESIS		01.0	TO 09.0	CR	
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED					

# Animal Industries (AN I)

121	ANIMAL SCIENCE			05.0	CR	
	PREREQ NONE					
1	11.00	MTW F	AG	102	OLSON	
	08.00-09.50	TH	AG	102A		
2	11.00	MTW F	AG	102	OLSON	
	10.00-11.50	TH	AG	102		
311C	EVAL & SEL FARM ANI			02.0	CR	
	PREREQ AN I 311B					
1	08.00-11.50	S	AG	120	MILLER	
315	FEEDS AND FEEDING			04.0	CR	
	PREREQ AN I 121					
1	09.00	M W F	AG	214	KAMMLADE	
	09.00-10.50	T	AG	120		
2	09.00	M W F	AG	214	KAMMLADE	
	09.00-10.50	TH	AG	120		
318	MEAT, ANIM, CARC EVAL			03.0	CR	
	PREREQ AN I 121 AND CONCENTRATION IN					
	AN I					
1	11.00-12.50	M	AG	132	MILLER HOWARD W	
	04.00-05.50	W	AG	132		
327	POULTRY MANAGEMENT			04.0	CR	
	PREREQ AN I 125					
1	10.00	MTW	AG	132	GOODMAN BILLY LEE	
	10.00-11.50	F	AG	132		
359	INTERN PROGRAM		03.0	TO 05.0	CR	
	PREREQ JR STANDING					
1	TO BE ARRANGED					
381	AGRICULTURAL SEM		01.0	TO 02.0	CR	
	PREREQ SENIOR STANDING					
1	04.00	T	AG	132	GOODMAN BILLY LEE	
	CROSSLISTED WITH FOR AG I PL I 381					
390	SPEC STUD AN I		01.0	TO 06.0	CR	
	PREREQ JR OR SR STANDING AND CONSENT					
	OF DEPT CHAIRMAN					
1	TO BE ARRANGED					
391	HONORS IN AN I		01.0	TO 06.0	CR	
	PREREQ JR STANDING, 4.0 GPA, 4.25 IN MA					
	JOR, CONSENT OF DEPT					
1	TO BE ARRANGED					
415A	ANIMAL NUTRITION			04.0	CR	
	PREREQ AN I 315 AND ORGANIC CHEM OR					
	EQUIVALENT					
1	03.00	MT TH	AG	168	HINNERS	

	02.00-03.50	W	AG	120	
2	03.00	MT TH	AG	168	HINNERS
	04.00-05.50	W	AG	120	
3	03.00	MT TH	AG	168	HINNERS
	03.00-04.50	F	AG	120	
434	PHSL OF LACTATION			03.0	CR
	PREREQ PHSL & ORGANIC CHEM				
1	09.00	M W	AG	114	OLSON HOWARD H
	09.00-10.50	F	AG	114	
456B	AG MKTG - LIVESTOCK			02.0	CR
	PREREQ GSB 211A OR CONSENT OF INSTR				
1	03.00	M W	AG	225	HONEGGER
485	BEEF PRODUCTION			04.0	CR
	PREREQ AN I 315, 332, 431				
1	02.00	MT F	AG	116	KAMMLADE W G JR
	01.00-02.50	TH	AG	114	
505A	RES METH IN AG SCI			04.0	CR
	PREREQ CONSENT OF INSTR				
1	12.00	W	AG	132	KROENING
	11.00-12.50	TH F	AG	120	
520	READINGS IN AN IND			01.0 TO 06.0	CR
1	TO BE ARRANGED				
575	INDIVIDUAL RESEARCH			01.0 TO 06.0	CR
1	TO BE ARRANGED				
581	SEMINAR			01.0 TO 06.0	CR
1	04.00	TH	AG	114	LEE
599	THESIS			01.0 TO 09.0	CR
1	TO BE ARRANGED				

### Anthropology (ANTH)

250	INTRODUCTORY ANTH			03.0	CR
1	12.00	MT TH	H EC	106	COOK
275	INDIVIDUAL STUDY			01.0 TO 18.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
300	PHYSICAL ANTH			03.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	02.00	M W F	H EC	106	MULLER JON D
303	OLD WORLD PREHIST			03.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	01.00	M W F	H EC	106	SPECHT
312C	PEOPLE-CULT WRLD II			03.0	CR
	PREREQ FOR UNDERGRAD - ANTH 250 OR EQ				
	UIV				
1	10.00	M W F	H EC	106	COOK
314A	PEOPLE-CULT WRLD IV			03.0	CR
	PREREQ FOR UNDERGRAD - ANTH 250 OR EQ				
	UIV				
1	12.00	MT TH	H EC	8E	
399	HONORS TUTORIAL			03.0 TO 09.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				E MULLER
401	LANGUAGE IN CULTURE			04.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	09.00-10.50	M W	H EC	8E	MARING JOEL M
403	GENERAL ARCHAEOLOGY			03.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	09.00	M W F	H EC	106	BELMONT
404	PRIM ART AND TECH			04.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	10.00-11.50	T TH	H EC	106	DARK PHILIP J C
	STUDENTS IN 404 MUST TAKE 1 HR OF 483				
	CONCURRENTLY				
413	INTR TO GEN LINGUIS			03.0	CR
	PREREQ ANTH 250 OR EQUIV				
1	01.00-02.50	T	H EC	8E	GRIMES JAMES L
	01.00	TH	H EC	8E	
415	LOGIC OF SOCIAL SCI			03.0	CR
1	11.00	M W F	H EC	106	MCCLURE GEORGE T
	CROSSLISTED WITH PHIL 415				

465A	MUSEUM METHODS	02.0 CR	
	PREREQ JR STANDING		
1	01.00-02.50 T	H EC 106	HEDRICK
483	INDIV STUDY IN ANTH	01.0 TO 18.0 CR	
1	TO BE ARRANGED		
	MAY BE TAKEN FOR 1.0 TO 18.0 CR - SECT 2		
2	03.00 W	H EC 106	
	ANTH 483 RESTRICTED TO THOSE ALSO ENROL.		
	IN ANTH 404		
497	HONORS IND RESEARCH	01.0 TO 18.0 CR	
	PREREQ FOR UNDERGRADS - ANTH 250 OR E		
	QUIN		
1	TO BE ARRANGED		MULLER
499	HONORS THESIS	03.0 CR	
	PREREQ ANTH 399 AND CONSENT OF DEPT		
1	TO BE ARRANGED		MULLER
510	SEM-NEW WORLD ARCH	03.0 TO 09.0 CR	
1	03.00-05.30 TH	H EC 106	KELLEY
511	SEM MESO-AMER ARCH	03.0 CR	
1	03.00-05.30 M	H EC 106	RANDS
581	SEM-ANTHROPOLOGY	03.0 CR	
1	03.00-05.50 T	H EC 106	RILEY
582	PROB-ARCHAEOLOGY	01.0 TO 27.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
584	PROB-CULTURAL ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
585	READINGS IN ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
596A	FIELD METHODS ARCH	03.0 CR	
1	03.00-05.30 F	H EC 106	RACKERBY FRANK
597	FIELDWORK IN ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		

### Applied Science (AP S)

401A	X-RAY CRYSTALLOGPHY	04.0 CR	
1	04.00 M W	TECH B 143	
	03.00-04.50 F	TECH B 143	
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
	PREREQ CONSENT OF COORDINATOR		
1	TO BE ARRANGED		
501A	MATERIALS SCIENCE	04.0 CR	
1	TO BE ARRANGED		
503A	PROP-CRYST MATERIAL	04.0 CR	
1	TO BE ARRANGED		
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR	
1	TO BE ARRANGED		
580	SEMINAR	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		

### Art (ART)

100A	SCULPTURE-CRAFTS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL		
	OF ART, PHOTO, OR H EC		
1	08.00-09.50 M W F	ALLYN 112	ADDINGTON ALDON M
2	10.00-11.50 M W F	ALLYN 112	ADDINGTON ALDON M
100B	CRAFTS-SCULPTURE	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL		
	OF ART, PHOTO, OR H EC		
1	12.00-01.50 M W F	ALLYN 112	BOYSEN BILL H
2	02.00-03.50 M W F	ALLYN 112	FUHRMAN BILL
100C	PAINTING-GRAPHICS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL		
	OF ART, PHOTO, OR H EC		
1	11.00-01.50 T TH	ALLYN 112	LINK LAWRENCE JOHN



2	04.00-05.50	M W F	ALLYN	112	LINK LAWRENCE
100D	GRAPHICS-DRAWING			04.0 CR	
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	11.00-01.50	T TH	ALLYN	106	GREENFIELD SYLVIA
2	02.00-03.50	M W F	ALLYN	106	PAULSON
100E	DRAWING-PAINTING			04.0 CR	
	PREREQ	RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC			
1	08.00-10.50	T TH	ALLYN	106	LITTLEFIELD LEE F
2	10.00-11.50	M W F	ALLYN	106	PAULSON
200A	SCULPTURE			04.0 CR	
	PREREQ	12 HRS OF ART 1000			
1	08.00-09.50	M W F		101	WALSH THOMAS J
2	10.00-11.50	M W F	0549	101	WALSH THOMAS
3	12.00-01.50	M W F	0549	101	
200B	DRAWING			04.0 CR	
	PREREQ	12 HRS OF ART 1000			
1	08.00-10.50	T TH		202	PAULSON ROBERT
2	08.00-09.50	M W F	ALLYN	202	LINK LAWRENCE
3	10.00-11.50	M W F	ALLYN	106	ONKEN
200C	PAINTING			04.0 CR	
	PREREQ	12 HRS OF ART 100			
1	02.00-03.50	M W F		202	LINK LAWRENCE JOHN
2	02.00-04.50	T TH	ALLYN	202	LINK LAWRENCE
3	06.00-08.50 PM	T TH	ALLYN	202	
225A	INTRO TO ART HIST			03.0 CR	
1	04.00	M W F	LAWSON	171	MAVIGLIANO GEORGE J
259	STUDIO			04.0 TO 24.0 CR	
1	TO BE ARRANGED				
300A	ART ED FOR EL TEACH			04.0 CR	
1	10.00	T TH	LAWSON	161	LAWSON ELNORA
	08.00-09.50	T TH	PULL I	105	
2	10.00	T TH	LAWSON	161	LAWSON ELNORA
	11.00-12.50	M W	PULL I	105	
3	10.00	T TH	LAWSON	161	LAWSON ELNORA
	03.00-04.50	M W	PULL I	105	
4	10.00	T TH	LAWSON	161	LAWSON ELNORA
300B	ART ED FOR EL TEACH			04.0 CR	
	PREREQ	ART 300A			
1	10.00	T TH	LAWSON	161	LAWSON ELNORA
	01.00-02.50	M W	PULL I	105	
302A	POTTERY-BEGINNING			04.0 CR	
	PREREQ	12 HRS OF ART 100 OR CONSENT O F INSTR			
1	08.00-09.50	M W F	ALLYN	5	VERGETTE NICHOLAS
2	02.00-04.50	T TH	ALLYN	5	VERGETTE
302B	POTTERY-INTERMED			04.0 CR	
	PREREQ	ART 302A			
1	08.00-10.50	T TH	ALLYN	5	BOYSEN BILL H
307	THEORY&PHIL ART ED			03.0 CR	
1	09.00	M W F	PULL I	105A	ABRAHAMSON ROY E
308	CUR & ADM - ART ED			03.0 CR	
1	02.00	M W F	PULL I	105A	WOOD DANNY D
2	03.00	M W F	PULL I	105A	
320A	OIL PAINT TECH-BEG			04.0 CR	
	PREREQ	ART 200C OR CONSENT OF INSTR			
1	10.00-11.50	M W F	ALLYN	202	ONKEN MICHAEL
320B	OIL PAINT TECH-INT			04.0 CR	
	PREREQ	ART 320A			
1	06.00-08.50 PM	M W	ALLYN	202	
332A	JEWELRY & METALSMITH			04.0 CR	
	PREREQ	12 HRS OF ART 100 OR CONSENT O F INSTR			
1	08.00-09.50	M W F	ALLYN	11	FUHRMANN WILLIAM F
2	02.00-03.50	M W F	ALLYN	11	FUHRMAN
332B	JEWELRY & METALSMITH			04.0 CR	
	PREREQ	ART 332A			
1	12.00-01.50	M W F	ALLYN	11	KINGTON



341	DRAWING	02.0 TO 12.0 CR			
	PREREQ	12 HRS OF ART 100, 200, OR CON			
		SENT OF INSTR			
1	12.00-01.50	M W F	ALLYN	202	LITTLEFIELD LEE F
2	04.00-05.50	M W F	ALLYN	202	ONKEN MICHAEL
358	PRINTS	02.0 TO 12.0 CR			
	PREREQ	ART 100 & 200 OR CONSENT OF IN			
		STR			
1	08.00-10.50	T TH	ALLYN	210	FOLKMAN DAVID E
2	02.00-03.50	M W F	ALLYN	210	KOLDEN LARRY D
365	ART ED METHODS	04.0 CR			
	PREREQ	ART 100			
1	12.00-02.50	T TH	PULL I	105	GREENFIELD SYLVIA R
385A	WEAVING - BEGIN	04.0 CR			
	PREREQ	12 HRS OF ART 100 OR CONSENT O			
		F INSTR			
1	02.00-04.50	T TH	0702	101	
	RESTRICTED TO ART MAJORS				
385B	WEAVING - INTERMED	04.0 CR			
	PREREQ	ART 385A			
1	08.00-10.50	T TH	0702	101	
	RESTRICTED TO ART MAJORS				
393	SCULPTURE	04.0 TO 12.0 CR			
	PREREQ	ART 200-12 HRS			
1	08.00-10.50	T TH	0549	101	SULLIVAN MILTON F
401	RESEARCH PAINTING	02.0 TO 12.0 CR			
1	08.00-09.50	M W F	0549	101	BERNSTEIN
2	10.00-11.50	M W F	0549	101	
405	STUDIO IN SCULPTURE	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00-04.50	T TH	0549	101	SULLIVAN MILTON F
408	ART ED ELEM TCH II	04.0 CR			
	PREREQ	ART 300			
1	03.00-05.50	T TH	PULL I	105	LAWSON ELNORA
410	RESEARCH IN PRINTS	02.0 TO 12.0 CR			
1	11.00-01.50	M W F	ALLYN	210	KOLDEN LARRY D
420	RESEARCH POTTERY	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	ALLYN	5	VERGETTE NICHOLAS
430	RES METAL CONSTR	02.0 TO 12.0 CR			
1	10.00-11.50	M W F	ALLYN	11	KINGTON LOUIS BRENT
440	RESEARCH IN WEAVING	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	0702	101	GINSBERG RUTH
441	STUDIO IN DRAWING	02.0 TO 12.0 CR			
	PREREQ	ART 341-12 HRS			
1	11.00-01.50	T TH	ALLYN	202	ONKEN
2	11.00-01.50	T TH	ALLYN	106	
460	RESEARCH ART EDUC	02.0 TO 12.0 CR			
1	01.00	M W F	PULL I	105A	ABRAHAMSON ROY E
482A	ART HIST SEM-ANC	03.0 CR			
1	TO BE ARRANGED				A JOHNSON EVERT
483A	RES ART HIST-ANC	03.0 CR			
1	TO BE ARRANGED				A MAVIGLIANO GEORGE J
501	SEMINAR PAINTING	02.0 TO 12.0 CR			
1	08.00-09.50	M W F	0549	101	BERNSTEIN LAWRENCE
504	RESEARCH-SCULPTURE	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00-04.50	T TH	0549	101	SULLIVAN MILTON F
511	SEMINAR IN PRINTS	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	10.00-11.50	M W F	ALLYN	210	KOLDEN LARRY D
520	SEMINAR POTTERY	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	ALLYN	5	VERGETTE NICHOLAS
530	SEMINAR METAL CONST	02.0 TO 12.0 CR			
1	10.00-11.50	M W F	ALLYN	11	KINGTON LOUIS BRENT
540	SEMINAR IN WEAVING	02.0 TO 12.0 CR			
1	11.00-01.50	T TH	0702	101	GINSBERG RUTH
541	RESEARCH IN DRAWING	02.0 TO 12.0 CR			
	PREREQ	12 HRS OF ART 300			
1	11.00-01.50	T TH	ALLYN	202	PAULSON ROBERT L
566	RESEARCH ART EDUC	02.0 TO 12.0 CR			
1	TO BE ARRANGED				ABRAHAMSON ROY E

571	READ ART HISTORY	02.0 TO 05.0 CR		
	PREREQ GRAD STANDING & CONSENT OF INSTR			
1	TO BE ARRANGED			WALSH ROBERT A
573	PROB-ART HIST	03.0 TO 12.0 CR		
1	TO BE ARRANGED			SULLIVAN JAMES E
599	THESIS	02.0 TO 09.0 CR		
1	TO BE ARRANGED			

### Biology (BIOL)

305	GENETICS-CLAS & MOL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY.			
1	12.00 MTWTH LS I	133		PAPPELIS & HAAS
306	DEVELOPMENTAL BIOL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY			
1	01.00 M W F	LAWSON 151		MYERS & GILMORE
	01.00 T	LAWSON 161		
307	ENVIRONMENTAL BIOL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING			
1	03.00 MTWTH TECH A	111		LEFEBVRE
308	ORGANISMIC BIOLOGY	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING			
1	10.00 M WTHF	PARK 124		SHEPHERD

### Black American Studies (BAS)

309	INTRO BLACK STUDIES	03.0 CR		
	PREREQ GSB 102 & 109			
1	01.00-03.50 T	LS II 228		
320	SEM-GROUP LDRSHIP	02.0 CR		
	PREREQ CONSENT OF INSTR			
1	06.00-07.25 PM TH	H EC 104		SCOTT
322	METH OF BLK STUDIES	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	02.00-03.50 M W	0871 101		HILL
340	BLACKS-PERFORM ARTS	03.0 CR		
	PREREQ GSC 325, HIST 349A,B,C, HIST 3 09 OR CONSENT OF DEPT			
1	09.00-10.50 W F	LAWSON 101		MARSHALL
360	BLACK AM & THE LAW	04.0 CR		
	PREREQ CONSENT OF DEPT OR BAS 309, GS B 109			
1	06.00-09.30 PM T	H EC 104		HERMON

### Botany (BOT)

300	MORPH NON-VAS PLANT	04.0 CR		
	PREREQ GSA 201B			
1	09.00 M W F	LS II 450		TINDALL DONALD R
	08.00-09.50 T	LS II 404		
2	09.00 M W F	LS II 450		TINDALL DONALD R
	08.00-09.50 TH	LS II 404		
301	MORPH VAS PLANTS	04.0 CR		
	PREREQ GSA 201B			
1	01.00 T TH	LS II 450		MATTEN
	01.00-02.50 M W	LS II 404		
2	01.00 T TH	LS II 450		MATTEN
	03.00-04.50 M W	LS II 404		
320	PLANT PHYTOLOGY	05.0 CR		
	PREREQ GSA 201B, CHEM 350 OR MINOR IN CHEM			
1	08.00 M W F	LS II 450		YOPP JOHN H
	08.00-09.50 T TH	LS II 457		
2	08.00 M W F	LS II 450		YOPP JOHN H
	10.00-11.50 T TH	LS II 457		
337	ECOLOGY LABORATORY	02.0 CR		
1	01.00-04.50 F	LS II 430		ROBERTSON

390	READINGS - BOTANY	02.0 TO 04.0 CR			
	PREREQ BOT MAJOR AND CONSENT OF INSTR				
1	08.00-09.50	M F	LS II	430	
391	SPEC PROB IN BOTANY	02.0 TO 05.0 CR			
	PREREQ BOT MAJOR AND CONSENT OF DEPT				
1	10.00-11.50	T TH	LS II	430	
392	HONORS IN BOTANY	03.0 TO 21.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	01.00-02.50	M W	LS II	430	
400	PLANT ANATOMY	05.0 CR			
	PREREQ 301 OR CONSENT OF INSTR				
1	09.00	MT TH	LS II	243	MATTEN LAWRENCE C
	01.00-03.50	T TH	LS II	480	MATTEN LAWRENCE C
440A	ADVANCED ECOLOGY	04.0 CR			
	PREREQ BIOL 307 OR CONSENT OF DEPT				
1	09.00	T TH	LS II	450	VOIGT
	LAB WILL MEET ALTERNATE SAT MORNINGS IN LSII 453				
2	09.00	T TH	LS II	450	VOIGT
	LAB WILL MEET ALTERNATE SAT MORNINGS IN LSII 453				
440B	ADVANCED ECOLOGY	05.0 CR			
	PREREQ BIOL 307 OR CONSENT OF DEPT				
1	07.35-09.00 PM	M W	LAWSON	221	ASHBY
	08.00-11.50	S	LS II	423	
	ALL DAY FIELD TRIPS ON ALTERNATE SAT				
449	TAXONOMIC ELEMENTS	03.0 CR			
	PREREQ GSA 303 OR EQUIV, OR CONSENT OF INSTR				
1	03.00	T	LS II	450	UGENT DONALD
	01.00-04.50	F	LS II	423	UGENT DONALD
525	CYTOLOGY	05.0 CR			
	PREREQ BIOL 305				
1	03.00	M W F	LS II	450	OLAH LESLIE
	03.00-04.50	T TH	LS II	404	OLAH
570	READINGS - BOTANY	02.0 TO 05.0 CR			
1	03.00-04.50	T TH	LS II	430	
580	SEMINAR	01.0 TO 03.0 CR			
1	11.00	T TH	LS II	450	PAPPELIS ARISTOTEL J
2	12.00	M W	LS II	430	MOHLENBROCK
3	04.00	W	LS II	450	
590	INTRO TO RESEARCH	02.0 TO 04.0 CR			
1	12.00	T THF	LS II	430	MOHLENBROCK ROBERT
591	RESEARCH	03.0 TO 09.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS	03.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 36.0 CR			
1	TO BE ARRANGED				

#### Business Administration (B A)

500	RES METH & COMMUNIC	04.0 CR			
	PREREQ ENROLLMENT IN MBA PROGRAM OR C				
	ONSENT OF INSTR				
1	03.00-04.50	T TH	WHAM	307	
501	QUANT DECISIONS	04.0 CR			
	PREREQ ENROLLMENT IN MBA PROGRAM OR C				
	ONSENT OF INSTR				
1	01.00-02.50	T TH	WHAM	328	
502	BUSINESS & SOCIETY	04.0 CR			
	PREREQ ENROLLMENT IN MBA PROGRAM OR C				
	ONSENT OF INSTR				
1	05.45-07.25	T TH	CL	24	
511	ACCOUNTING THEORY	04.0 CR			
	PREREQ ENROLLMENT IN MBA PROGRAM OR				
	ONSENT OF INSTR				
1	10.00-11.50	W F	CL	25	
526	MANAGERIAL ECON	04.0 CR			
	PREREQ ENROLLMENT IN MBA PROGRAM OR C				
	ONSENT OF INSTR				

1	05.45-07.25	M W	CL	24
	CROSSLISTED WITH ECON 526			
530	FINANCIAL MGT		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR C	
		ONSENT OF INSTR		
1	10.00-11.50	M TH	CL	24
531	FINANCIAL POLICIES		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR	
		ONSENT OF INSTR		
1	08.00-09.50	T F	CL	25
540	MGR & ORG BEHAVIOR		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR C	
		ONSENT OF INSTR		
1	01.00-02.50	M W	CL	24
542	HIST & THEORY MGT		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR	
		ONSENT OF INSTR		
1	01.00-02.50	T TH	PIERCE	130
559	SEMINAR IN MKTG		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR	
		ONSENT OF INSTR		
1	03.00-04.50	M W	CL	326
590	INDEPENDENT STUDY		04.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR	
		ONSENT OF INSTR		
1	TO BE ARRANGED			
599	THESIS		04.0 TO 08.0 CR	
	PREREQ	ENROLLMENT IN MBA	PROGRAM OR	
		ONSENT OF INSTR		
1	TO BE ARRANGED			

# Chemistry (CHEM)

110	INORGANIC CHEMISTRY		04.0 CR	
1	08.00	M W F	NKRS B	240
	08.00	TH	NKRS C	116
	08.00-10.50	T	NKRS C	109
2	08.00	M W F	NKRS B	240
	11.00	TH	NKRS C	116
	08.00-10.50	TH	NKRS C	109
3	08.00	M W F	NKRS B	240
	08.00	TH	NKRS C	116
	08.00-10.50	S	NKRS C	109
4	08.00	M W F	NKRS B	240
	08.00	TH	NKRS C	116
	06.00-08.50 PM	M	NKRS C	109
5	08.00	M W F	NKRS B	240
	11.00	TH	NKRS C	116
	01.00-03.50	M	NKRS C	109
6	08.00	M W F	NKRS B	240
	08.00	TH	NKRS C	116
	06.00-08.50 PM	W	NKRS C	109
7	08.00	M W F	NKRS B	240
	11.00	TH	NKRS C	116
	01.00-03.50	W	NKRS C	109
8	08.00	M W F	NKRS B	240
	11.00	TH	NKRS C	116
	01.00-03.50	T	NKRS C	109
115	INTRO GENERAL CHEM		05.0 CR	
1	12.00	M W F	NKRS B	240
	02.00	M	PARK	204
	08.00-09.50	W F	NKRS C	102
2	12.00	M W F	NKRS B	240
	02.00	M	PARK	204
	01.00-02.50	W F	NKRS C	104
3	12.00	M W F	NKRS B	240
	02.00	M	PARK	204
	06.00-07.50 PM	T TH	NKRS C	106
4	12.00	M W F	NKRS B	240
	02.00	TH	PARK	204
	01.00-02.50	W F	NKRS C	107

5	12.00	M W F	NKRS B	240
	02.00	TH	PARK	204
	01.00-02.50	W F	NKRS C	108
6	12.00	M W F	NKRS B	240
	02.00	TH	PARK	204
	06.00-07.50 PM	T TH	NKRS C	107
121A	GEN CHEM-QUAL ANAL		05.0 CR	
	PREREQ 115 OR 1	YR HIGH SCHOOL CHEM		
1	08.00	T TH S	NKRS B	240
	12.00	T	PARK	204
	09.00-10.50	T TH	NKRS C	104
2	08.00	T TH S	NKRS B	240
	12.00	T	PARK	204
	06.00-07.50 PM	W F	NKRS C	104
3	08.00	T TH S	NKRS B	240
	12.00	T	PARK	204
	03.00-04.50	M W	NKRS C	104
4	08.00	T TH S	NKRS B	240
	08.00	W	NKRS C	116
	08.00-09.50	M F	NKRS C	104
5	08.00	T TH S	NKRS B	240
	08.00	W	NKRS B	240
	01.00-02.50	T TH	NKRS C	104
6	10.00	M W F	NKRS B	240
	11.00	W	PARK	204
	10.00-11.50	T TH	NKRS C	102
7	10.00	M W F	NKRS B	240
	11.00	W	PARK	204
	01.00-02.50	M W	NKRS C	102
8	10.00	M W F	NKRS B	240
	11.00	W	PARK	204
	08.00-09.50	T TH	NKRS C	102
9	10.00	M W F	NKRS B	240
	11.00	T	NKRS C	116
	06.00-07.50 PM	M W	NKRS C	102
10	10.00	M W F	NKRS B	240
	11.00	T	NKRS C	116
	01.00-02.50	T TH	NKRS C	102
11	03.00	M W F	NKRS B	240
	08.00	T	PARK	204
	03.00-04.50	T TH	NKRS C	106
12	03.00	M W F	NKRS B	240
	08.00	T	PARK	204
	06.00-07.50 PM	M W	NKRS C	106
13	03.00	M W F	NKRS B	240
	08.00	T	PARK	204
	08.00-09.50	T S	NKRS C	106
14	03.00	M W F	NKRS B	240
	02.00	T	NKRS C	116
	10.00-11.50	T TH	NKRS C	106
15	03.00	M W F	NKRS B	240
	02.00	T	NKRS C	116
	01.00-02.50	M W	NKRS C	106
16	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.25 PM	M	NKRS C	116
	06.00-07.50 PM	T TH	NKRS C	102
17	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.25 PM	M	NKRS C	116
	03.00-04.50	T TH	NKRS C	104
18	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.25 PM	W	PARK	204
	01.00-02.50	T TH	NKRS C	106
19	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.25 PM	W	PARK	204
	06.00-07.50 PM	T TH	NKRS C	109
20	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.25 PM	W	PARK	204
	06.00-07.50 PM	T TH	NKRS C	108
235	GEN QUANT ANALYSIS		05.0 CR	
	PREREQ CHEM 121B			
1	01.00	M W F	NKRS C	218



	01.00-03.50	TH	NKRS C	408
	01.00	T	NKRS C	116
	02.00-03.50	T	NKRS C	408
2	01.00	M W F	NKRS C	218
	09.00-11.50	TH	NKRS C	408
	09.00	T	NKRS C	218
	10.00-11.50	T	NKRS C	408
3	01.00	M W F	NKRS C	218
	02.00-04.50	F	NKRS C	408
	02.00	W	NKRS C	218
	03.00-04.50	W	NKRS C	408
305A	ORG CHEM-PRE PROF		05.0	CR
	PREREQ CHEM 121B			
1	11.00	M W F	NKRS B	240
	01.00-03.50	TH	NKRS C	205
	11.00	T	AG	214
2	11.00	M W F	NKRS B	240
	01.00-03.50	TH	NKRS C	203
	11.00	T	AG	214
3	11.00	M W F	NKRS B	240
	08.00-10.50	TH	NKRS C	205
	11.00	T	AG	214
4	11.00	M W F	NKRS B	240
	06.00-08.50 PM	W	NKRS C	203
	11.00	T	AG	214
5	11.00	M W F	NKRS B	240
	01.00-03.50	T	NKRS C	205
	11.00	TH	AG	214
6	11.00	M W F	NKRS B	240
	01.00-03.50	T	NKRS C	203
	11.00	TH	AG	214
7	11.00	M W F	NKRS B	240
	06.00-08.50 PM	W	NKRS C	205
	11.00	TH	AG	214
341A	ORGANIC CHEMISTRY		05.0	CR
	PREREQ CHEM 121B			
1	08.00	M W F	NKRS B	440
	08.00-10.50	TH	NKRS C	203
	08.00	T	NKRS C	218
2	08.00	M W F	NKRS B	440
	08.00-10.50	T	NKRS C	203
	08.00	TH	NKRS C	218
3	08.00	M W F	NKRS B	440
	09.00-11.50	M	NKRS C	203
	08.00	T	NKRS C	218
4	08.00	M W F	NKRS B	440
	06.00-08.50 PM	M	NKRS C	203
	08.00	TH	NKRS C	218
350	BIOLOGICAL CHEM		04.0	CR
	PREREQ CHEM 240 OR 305B OR 341C			
1	03.00	M W F	NKRS B	440
	01.00-03.50	T	NKRS C	204
2	03.00	M W F	NKRS B	440
	01.00-03.50	TH	NKRS C	204
3	03.00	M W F	NKRS B	440
	09.00-11.50	T	NKRS C	204
4	03.00	M W F	NKRS B	440
	09.00-11.50	TH	NKRS C	204
5	03.00	M W F	NKRS B	440
	06.00-08.50 PM	T	NKRS C	204
411	INTERMED INORG CHEM		04.0	CR
	PREREQ CHEM 461B			
1	02.00	MT THF	NKRS C	218
438	REVIEW ANAL CHEM		03.0	CR
	PREREQ GRAD STANDING & CONSENT OF INSTRUCTOR			
1	03.00	M W F	NKRS C	218
446	QUAL ORGANIC ANALY		04.0	CR
	PREREQ 235 & 341C OR CONSENT OF INSTR			
1	09.00	T TH	NKRS C	116
	06.00-08.50 PM	T TH	NKRS C	205

451A	BIOCHEMISTRY	03.0 CR
	PREREQ CHEM 235, 305B OR 341C-MUST BE TAKEN IN SEQUENCE	
1	08.00 M W F PARK	204
461A	PHYSICAL CHEMISTRY	04.0 CR
	PREREQ 235, 12HRS OF PHYSICS PLUS ONE YEAR OF CALCULUS	
1	11.00 M W F NKRS C	116
	08.00-10.50 TH NKRS C	105
2	11.00 M W F NKRS C	116
	08.00-10.50 T NKRS C	105
3	11.00 M W F NKRS C	116
	01.00-03.50 TH NKRS C	105
4	11.00 M W F NKRS C	116
	01.00-03.50 T NKRS C	105
468	ELEMENTS- PHYS CHEM	04.0 CR
	PREREQ 12 HRS COLLEGE PHYS AND ONE YR CALC & COLLEGE CHEM	
1	11.00 MT THF NKRS C	218
472A	X-RAY CRYSTALLOGRAPHY	04.0 CR
	PREREQ CHEM 461B	
1	04.00 M W TECH B	143
	03.00-04.50 F TECH B	143
	CROSSLISTED WITH APS 401A	
496A	CHEM PROB ANALY	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496B	CHEM PROB BIOCHEM	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496C	CHEM PROB INORGANIC	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496D	CHEM PROB ORGANIC	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496E	CHEM PROB PHYSICAL	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
504	MECH & SYN-ORG CHEM	03.0 CR
	PREREQ CHEM 341C	
1	09.00 M W F NKRS C	218
511C	ADV INORGANIC CHEM	03.0 CR
	PREREQ CHEM 461C	
1	01.00 M W F NKRS C	118
532	INST METH ANALY	03.0 CR
	PREREQ CHEM 432 OR SATISFACTORY FIELD EXAM	
1	01.00 T TH NKRS C	218
	TO BE ARRANGED	
539	ADV TOPICS-ANAL	02.0 TO 30.0 CR
	PREREQ CHEM 432 AND 531	
1	11.00 M W F NKRS A	258
543	ADV ORG CHEM	03.0 CR
	PREREQ CHEM 542	
1	10.00 M W F NKRS C	218
547	ADV LAB PREPS-ORG	03.0 TO 06.0 CR
	PREREQ CHEM 446 AND CONSENT OF INS	
1	TO BE ARRANGED	
549	ADV TOPICS-ORGANIC	02.0 TO 30.0 CR
	PREREQ CHEM 543	
1	09.00 M W F NKRS C	118
559	ADV TOPICS-BIOCHEM	02.0 TO 30.0 CR
	PREREQ CHEM 551	
1	TO BE ARRANGED	

561 CHEM THERMODYNAMICS 03.0 CR  
 PREREQ CHEM 461C OR CONSENT OF INSTR  
 1 03.00 M W F NKRS C 118  
 569 ADV TOPICS-PHYSICAL 02.0 TO 30.0 CR  
 PREREQ CHEM 561  
 1 03.00 M W F NKRS C 116  
 594A SP READ-CHEM ANALY 02.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594B SP READ-CHEM BIO 02.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594C SP READ-CHEM INORG 02.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594D SP READ-CHEM ORGAN 02.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 594E SP READ-CHEM PHYS 02.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED  
 595A ADV SEM-CHEM ANALY 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00 M NKRS C 218  
 595B ADV SEM-CHEM BIO 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00 T NKRS C 218  
 595C ADV SEM-CHEM INORG 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00 W NKRS C 218  
 595D ADV SEM-CHEM ORGAN 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00 F NKRS C 218  
 595E ADV SEM-CHEM PHYS 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00 TH NKRS C 218  
 596A ADV CHEM PROB-ANALY 01.0 TO 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 07.00-09.50 PM T NKRS C 410  
 596B ADV CHEM PROB-BIO 01.0 TO 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596C ADV CHEM PROB-INORG 01.0 TO 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596D ADV CHEM PROB-ORGAN 01.0 TO 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 596E ADV CHEM PROB-PHYS 01.0 TO 20.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597A RES & THESIS-ANALY 01.0 TO 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597B RES & THESIS-BIO 01.0 TO 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED  
 597C RES & THESIS-INORG 01.0 TO 40.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 TO BE ARRANGED

597D	RES & THESIS-ORG	01.0 TO 40.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	TO BE ARRANGED		
597E	RES & THESIS-PHYS	01.0 TO 40.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	TO BE ARRANGED		
598A	RES-DOCTOR ANALY	01.0 TO 48.0 CR	
	PREREQ M A DEGREE OR EQUIV		
1	TO BE ARRANGED		
598B	RES-DOCTOR BIOCHEM	01.0 TO 48.0 CR	
	PREREQ M A DEGREE OR EQUIV		
1	TO BE ARRANGED		
598C	RES-DOCTOR INORGAN	01.0 TO 48.0 CR	
	PREREQ M A DEGREE OR EQUIV		
1	TO BE ARRANGED		
598D	RES-DOCTOR ORGANIC	01.0 TO 48.0 CR	
	PREREQ M A DEGREE OR EQUIV		
1	TO BE ARRANGED		
598E	RES-DOCTOR PHYS	01.0 TO 48.0 CR	
	PREREQ M A DEGREE OR EQUIV		
1	TO BE ARRANGED		
600A	DISSERT ANALYTICAL	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600B	DISSERT BIOCHEM	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600C	DISSERT INORGANIC	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600D	DISSERT ORGANIC	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600E	DISSERT - PHYSICAL	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		

### Child and Family (C & F)

227	FAMILY LIVING	03.0 CR	
1	09.00 M W F H EC	140B	HICKS MARY W
2	02.00 M W F H EC	140B	HICKS MARY W
3	07.35-09.00 PM T TH H EC	206	
237	CHILD DEVELOPMENT	03.0 CR	
1	01.00 M W F H EC	140B	
2	03.00 T THF H EC	203	
345B	CHILD DEVELOP PRACT	03.0 CR	
1	04.00 W H EC	203	PONTON MELVA F
	9-12 OR 1-4 MTWTF TBA + 3 CONSECUTIVE H		
408	WORKSHOP	04.0 CR	
1	06.30-09.00 PM M H EC	206	ZUNICH MICHAEL
456	INFANT DEVELOPMENT	04.0 CR	
	PREREQ 237, PSYC 301		
1	06.30-09.00 PM T H EC	203	FLYNN
466	PRACT PARENT-CHILD	02.0 CR	
	PREREQ 227 & 237		
1	06.00-07.25 PM TH H EC	208	HICKS
471	FIELD EXPERIENCE	02.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		
481	READINGS	02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN		
1	TO BE ARRANGED		
571	RECENT RESEARCH	04.0 CR	
1	06.30-09.00 PM W H EC	120	ZUNICH
572	SPECIAL PROBLEMS	02.0 TO 05.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		

## Cinema and Photography (C & P)

310	HIST OF STILL PHOTO		04.0 CR	
1	03.00	MTWTH	H EC 140B	HORRELL C WILLIAM
320	FUND OF STILL PHOTO		04.0 CR	
1	10.00-11.50	T	NKRS B 440	GILMORE
	01.00-02.50	T	COMM 1021	
	04.00-05.50	TH	COMM 1135	
2	10.00-11.50	T	NKRS B 440	GILMORE
	01.00-02.50	W	LS II 228	
	04.00-05.50	T	COMM 1135	
3	10.00-11.50	T	NKRS B 440	GILMORE
	01.00-02.50	TH	AG 116	
	10.00-11.50	W	COMM 1135	
4	10.00-11.50	T	NKRS B 440	GILMORE
	01.00-02.50	F	COMM 1122	
	03.00-04.50	F	COMM 1135	
	NOTE-ALL SECT OF 320 OPEN ONLY TO C&P			
	MAJORS			
350	INTRO TO CINEMA		04.0 CR	
1	09.00	M W	LAWSON 131	DAVIS ROBERT E
	09.00-10.50	F	LAWSON 131	
	\$5 SCREENING FEE			
355	BEGIN FILM PRODUCT		04.0 CR	
1	09.00	T	COMM 1122	MERCER
	09.00-10.50	TH	COMM 1122	
	01.00-02.50	T	COMM 1135	
2	09.00	T	COMM 1122	MERCER
	09.00-10.50	TH	COMM 1122	
	01.00-02.50	W	COMM 1135	
3	09.00	T	COMM 1122	MERCER
	09.00-10.50	TH	COMM 1122	
	01.00-02.50	TH	COMM 1135	
4	09.00	T	COMM 1122	
	09.00-10.50	TH	COMM 1122	
	01.00-02.50	F	COMM 1135	
407	PUBLICATIONS PHOTO		04.0 CR	
	PREREQ 322			
1	01.00	MTWTH	COMM 1122	HORRELL
420	EXPERIMENTAL PHOTO		04.0 CR	
	PREREQ 322			
1	10.00-11.50	W	COMM 1122	GILMORE
	09.00-10.50	TH	COMM 1018	
2	10.00-11.50	W	COMM 1122	
	09.00-10.50	F	COMM 1122	
450	FILM & SOCIETY		04.0 CR	
1	02.00	M WTHF	COMM 1122	BLUMENBERG
456	WORKSHOP-FILM PROD	01.0	TO 06.0 CR	
	PREREQ CONSENT OF DEPT & FILM PRODUCT			
	ION			
1	TO BE ARRANGED			PAINE FRANK R
458	PROJ-CINEMA & PHOTO	01.0	TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			
463	HIS EXPERIMENT FILM		04.0 CR	
1	04.00	MTWTH	COMM 1121	MERCER
	SCREENING FEE FIVE DOLLARS			
480	IND STUDY IN C&P	01.0	TO 12.0 CR	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			

## Clothing and Textiles (C & T)

127A	CLOTHING SELECTION		02.0 CR	
1	09.00	T TH	H EC 140B	RIDLEY SAMANTHA SUE
127B	CLOTHING CONSTRUCT		02.0 CR	
1	08.00-09.50	T TH	H EC 310	
2	08.00-09.50	M W	H EC 310	
3	01.00-02.50	T TH	H EC 310	
4	03.00-04.50	T TH	H EC 310	
233	PATT DES & CLO CONS		03.0 CR	
	PREREQ C&T 127 OR CONSENT OF CHAIRMAN			
1	10.00-11.50	T TH	H EC 303	



2	03.00-04.50	W F	H EC	310	
304	TEXTILES		04.0 CR		
	PREREQ	CHEM 110 AND 240			
1	10.00	M W F	H EC	206	PADGETT ROSE
	10.00-11.50	T	H EC	301	
2	10.00	M W F	H EC	206	PADGETT ROSE
	01.00-02.50	T	H EC	301	
3	10.00	M W F	H EC	206	PADGETT ROSE
	01.00-02.50	TH	H EC	301	
360	TAILORING & CONST		04.0 CR		
	PREREQ	C&T 233 OR CONSENT OF CHAIRMAN			
1	12.00	T TH	H EC	310	RIDLEY SAMANTHA SUE
	10.00-11.50	W F	H EC	310	RIDLEY SAMANTHA SUE
2	12.00	T TH	H EC	310	RIDLEY SAMANTHA SUE
	01.00-02.50	M W	H EC	310	RIDLEY SAMANTHA SUE
364	DRAPING AND CONST		03.0 CR		
	PREREQ	C&T 233 OR CONSENT OF CHAIRMAN			
1	01.00-02.50	M F	H EC	303	BERRY
	01.00	W	H EC	303	
371	FIELD EXPERIENCE		03.0 TO 06.0 CR		
	PREREQ	CONSENT OF CHAIRMAN			
1	TO BE ARRANGED				
481	READINGS		02.0 TO 06.0 CR		
	PREREQ	CONSENT OF CHAIRMAN			
1	09.00	M W F	H EC	301	PADGETT
572	SPECIAL PROBLEMS		02.0 TO 05.0 CR		
1	TO BE ARRANGED				PADGETT & BERRY
599	THESIS		02.0 TO 05.0 CR		
1	TO BE ARRANGED				PADGETT & BERRY

### Community Development (CD)

401	INTRO TO CD		04.0 CR		
	PREREQ	4 HRS SOC OR CONSENT OF INSTR			
1	04.00-05.50	T TH	0686	29	VOTH
402	COMPARATIVE CD		04.0 CR		
	PREREQ	CD 401, 4 HRS SOC OR CONSENT OF INSTR			
1	10.00-11.50	T TH	0686	29	BHATTACHARYYA
499	INDEPENDENT STUDY		01.0 TO 05.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
501	SMALL GP PROCESS-CD		04.0 CR		
	PREREQ	CD 401, CONSENT OF INSTR			
1	01.00-02.50	M W	0686	29	THOMAS DELANEY
511	LAB-SMALL GP PROCES		04.0 CR		
	PREREQ	CD 401, 501 OR CONSENT OF INSTR			
1	03.30-05.30	M W	0686	29	THOMAS
512	CHNG AGNT-PLAN CHNG		04.0 CR		
	PREREQ	CD 401 OR CONSENT OF INSTR			
1	TO BE ARRANGED				
513	LAB-STYLES & TECH		04.0 CR		
	PREREQ	CD 401, CONSENT OF INSTR			
1	TO BE ARRANGED				
596	INDEPEND STUDY - CD		01.0 TO 08.0 CR		
	PREREQ	CD 401 & CONSENT OF INSTR			
1	TO BE ARRANGED				
599	THESIS RESEARCH		01.0 TO 08.0 CR		
	PREREQ	CD 401, 501, 502, 503, 511 & 598			
1	TO BE ARRANGED				

### Conservation and Outdoor Education (CO ED)

301	OUTDOOR EDUCATION		04.0 CR		
1	10.00-11.50	T TH	WARREN	129	CHRISTIE
2	01.00-02.50	M W	0629	201	KNAPP
320	NATURE INTERP		03.0 CR		
1	09.00-11.30	S	LAWSON	101	CHRISTIE
2	09.00-11.30	S	LAWSON	101	KNAPP
	CROSSLISTED WITH REC 320				

490	PRACT OUTDOOR ED	12.0 TO 16.0 CR	
	PREREQ DEPARTMENT CONSENT		
1	TO BE ARRANGED		
510	OUTDOOR ED WORKSH	04.0 CR	
1	06.30-09.00 PM	T	0629 201 NOWAK
596	INDEPENDENT STUDY	02.0 TO 09.0 CR	
1	TO BE ARRANGED		

### Computer Science (CS)

202	INTRO-COMPUTER PROG	03.0 CR	
	PREREQ MATH 108 OR 111A OR 2 YRS H.S. ALGEBRA		
1	09.00	T TH	NKRS B 440
	08.00	T TH	TECH B 20
2	09.00	T TH	NKRS B 440
	10.00	T TH	TECH B 20
3	09.00	T TH	NKRS B 440
	11.00	T TH	TECH B 20
4	09.00	T TH	NKRS B 440
	12.00	T TH	TECH B 20
5	09.00	T TH	NKRS B 440
	01.00	T TH	NKRS C 410
6	09.00	T TH	NKRS B 440
	02.00	T TH	TECH B 20
7	09.00	T TH	NKRS B 440
	03.00	T TH	TECH B 20
8	09.00	T TH	NKRS B 440
	12.00	M W	TECH B 20
9	09.00	T TH	NKRS B 440
	01.00	M W	NKRS C 410
10	09.00	T TH	NKRS B 440
	10.00	T TH	NKRS A 458
11	09.00	T TH	NKRS B 440
	11.00	T TH	NKRS A 258
12	09.00	T TH	NKRS B 440
	12.00	T TH	NKRS C 410
13	09.00	T TH	NKRS B 440
	01.00	T TH	TECH A 420
302A	COMPUT STRUC & PROG	03.0 CR	
	PREREQ CS 202		
1	01.00	M W F	NKRS C 116
2	01.00	M	0862 101
	01.00	W F	NKRS A 160
	ENGR 222 SATISFIES PREREQ		
403	DATA STRUCTURES	03.0 CR	
	PREREQ CS 302A		
1	11.00	M W F	0862 102
	APS 323 SATISFIES PREREQ		
411	STRUCTURE-PROG LANG	03.0 CR	
	PREREQ 302A, MATH 301		
1	10.00	M	AG 150
	10.00	W F	0871 102
	APS 323 MAY REPLACE 302A AS PREREQ		
442	DISCRETE STRUCTURES	03.0 CR	
	PREREQ MATH 301		
1	12.00	M W F	NKRS A 156
451	INTRO-TH OF COMPUT	03.0 CR	
	PREREQ CS 442 & 445 OR CONSENT OF INSTR		
1	09.00	M	0875 102
	09.00	W	TECH A 422
	09.00	F	TECH D 131
2	09.00	M W	AG 154
	09.00	F	TECH A 208
	MATH 428B SATISFIES PREREQ		
464A	NUMERICAL ANALY I	03.0 CR	
	PREREQ 202 & MATH 305A & 221		
1	03.00	M W F	TECH A 320
495	READINGS	01.0 TO 09.0 CR	
	PREREQ CONSENT OF INSTR & DEPARTMENT		
1	TO BE ARRANGED		

536	ART INT-HEURIST PRG	03.0 CR
	PREREQ CONSENT OF INSTR	
1	02.00 M W NKRS A 160	
	02.00 F TECH A 310	
551	AUTOMATA THEORY	03.0 CR
	PREREQ 451	
1	04.00 M W F NKRS A 160	
564A	NUMERICAL ANALY II	03.0 CR
	PREREQ CONSENT OF INSTR	
1	03.00 M W F TECH A 322	
593	SEMINAR	01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR	
1	04.00 T TH NKRS C 116	
595	READINGS	01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT	
1	TO BE ARRANGED	
597	SPECIAL PROBLEMS	01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT	
1	TO BE ARRANGED	
599	THESIS	01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT	
1	TO BE ARRANGED	

### Design (DES)

100	DESIGN FUNDAMENTALS	05.0 TO 15.0 CR
1	06.30-08.30 PM W LAWSON 171	
	02.00-03.30 M TH 0847 107	
2	06.30-08.30 PM W LAWSON 171	
	02.00-03.30 M TH 0863 3	
3	06.30-08.30 PM W LAWSON 171	
	03.30-05.00 M TH 0847 107	
4	06.30-08.30 PM W LAWSON 171	
	03.30-05.00 M TH 0863 3	
5	06.30-08.30 PM W LAWSON 171	
	06.00-07.30 PM M TH 0847 107	
6	06.30-08.30 PM W LAWSON 171	
	06.00-07.30 PM M TH 0863 3	
7	06.30-08.30 PM W LAWSON 171	
	07.30-09.00 PM M TH 0847 107	
8	06.30-08.30 PM W LAWSON 171	
	07.30-09.00 PM M TH 0863 3	
275	INTEGRATED STUDY	04.0 CR
	PREREQ DES 100	
1	TO BE ARRANGED	
345	DESIGN STUDIO	04.0 TO 12.0 CR
1	TO BE ARRANGED	
2	TO BE ARRANGED	
366	P-S DESIGN	04.0 TO 16.0 CR
	PREREQ DES 200 215 275	
1	TO BE ARRANGED	
375	VISUAL DESIGN	04.0 TO 16.0 CR
	PREREQ DES 200 215 275	
1	TO BE ARRANGED	
390	PRIN OF DESIGN	02.0 CR
1	07.30-09.30 PM T 0852 101	
400	MAT & BASIC TECH	02.0 TO 06.0 CR
1	07.30-09.30 PM M 0852 101	
465F	RES IN P-S DESIGN	04.0 TO 16.0 CR
	PREREQ 12 HRS OF DES 366 OR ITS EQUIV	
1	TO BE ARRANGED	
465G	RES IN VISUAL DES	04.0 TO 16.0 CR
	PREREQ 12 HRS OF DES 375 OR EQUIV	
1	TO BE ARRANGED	
490F	STUDIO P-S DESIGN	02.0 TO 12.0 CR
1	TO BE ARRANGED	
2	TO BE ARRANGED	
490G	STUDIO-VISUAL DES	02.0 TO 12.0 CR

1	TO BE ARRANGED	
520	EDUC TOOL SYSTEMS	04.0 TO 10.0 CR
1	TO BE ARRANGED	
530	STUD IN IND PROCESS	04.0 TO 12.0 CR
1	TO BE ARRANGED	
535	RES IN PRODUCT DES	04.0 TO 12.0 CR
1	TO BE ARRANGED	
540	STUDIES IN COMM DES	04.0 TO 12.0 CR
1	TO BE ARRANGED	
545	RES IN COMM DESIGN	04.0 TO 12.0 CR
1	TO BE ARRANGED	
550	FIELD STUDY DESIGN	02.0 TO 16.0 CR
1	TO BE ARRANGED	
560	ENVIRONMENT CONTROL	04.0 TO 12.0 CR
1	TO BE ARRANGED	
599	THESIS	03.0 TO 09.0 CR
1	TO BE ARRANGED	

# **Economics (ECON)**

214	ECONOMICS-MACRO		04.0 CR	
1	08.00	MT THF	PARK	111
2	08.00	MT THF	LS I	205
3	10.00	M W	LAWSON	221
	10.00	THF	WHAM	202
4	11.00	T TH	WHAM	302
	11.00	W F	PULL	34
5	12.00	TWTHF	AG	214
6	01.00	TWTHF	LAWSON	121
7	04.00	TWTHF	WHAM	302
8	05.45-07.25	T TH	AG	214
215	ECONOMICS-MICRO		04.0 CR	
	PREREQ ECON 214			
1	09.00	MT TH	LAWSON	101
	09.00	F	0862	101
2	10.00	TWTHF	WHAM	308
3	11.00	M	0861	101
	11.00	TWTH	PARK	111
4	12.00	MT THF	WHAM	308
5	01.00	TWTHF	LS I	205
6	03.00	MT THF	WHAM	302
7	05.45-07.25	M W	LAWSON	101
301	ECONOMIC READINGS		01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED			
308	ECON-BUS STAT I		04.0 CR	
	PREREQ GSD 110			
1	08.00	TWTHF	0875	101
2	10.00	MTWTH	0875	101 BOHI
3	12.00	M WTHF	CL	24 OBOYLE
4	02.00	M WTHF	BAILEY	130 OBOYLE
5	04.00	TWTHF	LS II	350 OBOYLE
6	05.45-07.25	M W	TECH A	320 FORAN
310	LABOR PROBLEMS		04.0 CR	
	PREREQ ECON 215			
1	09.00	TWTHF	0875	102 MORRISON VERNON G
315	MONEY AND BANKING I		04.0 CR	
	PREREQ ECON 215 OR CONSENT OF INSTR			
1	08.00	M W F	0861	102 LAYER
	08.00	T	0871	101
2	11.00	MT	AG	154 WIEGAND
	11.00	TH	0862	102
	11.00	F	0871	102
3	04.00	TWTHF	0875	101 HOLLENHORST JEROME J
330	PUBLIC FINANCE		04.0 CR	
	PREREQ GSB 211A OR ECON 215 OR			
	CONSENT OF INSTR			
1	03.00	TWTHF	WHAM	202 RUSSELL
411	COLLECTIVE BARGAIN		04.0 CR	
	PREREQ ECON 310 OR CONSENT OF INSTR			
1	01.00	MTWTH	WHAM	312 EDELMAN MILTON T

416	MONEY & BANKING II			04.0 CR	
	PREREQ ECON 315				
1	01.00	TWTH	LS II	250	STOWE
429	INTERNATIONAL ECON			04.0 CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	10.00	MT	AG	170	STOWE PETER S
	10.00	W F	CL	109	
430	REGIONAL ECONOMY			04.0 CR	
	PREREQ ECON 215				
1	04.00	TWTH	CL	24	ELLIS ROBERT J JR
431	PUBLIC FINANCE II			03.0 CR	
	PREREQ ECON 330 OR CONSENT OF INSTR				
1	03.00	T THF	0875	101	FRYMAN
440	INTERMED MICRO THEO			04.0 CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	11.00	M WTHF	0862	101	ADAMS DONALD R
2	02.00	TW	LS II	250	ELLIS
	02.00	THF	LS II	146	
3	07.35-09.15 PM	T TH	LS II	146	PULSIPHER
441	INTERMED MACRO TH			04.0 CR	
	PREREQ ECON 214				
1	10.00	MT THF	0871	101	FORD
2	02.00	MT THF	0875	101	CORNWALL
450A	HIST ECON THOUGHT			03.0 CR	
	PREREQ ECON 215 OR CONSENT OF INSTR				
1	09.00	MT THF	CL	24	WIEGAND
465	MATH ECON I			04.0 CR	
	PREREQ ECON 440 OR CONSENT OF INSTR				
1	02.00	MTWTH	0871	102	BUNGER BYRON M
481	COMP ECON SYSTEMS			04.0 CR	
	PREREQ 215 OR CONSENT OF INSTR				
1	02.00	T TH	CL	24	BADRE ALBERT
	02.00	M W	H EC	122	
501	ECONOMICS READING			01.0 TO 05.0 CR	
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
502	READING IN RES ECON			01.0 TO 06.0 CR	
	PREREQ CONSENT OF FORESTRY DEPT				
1	TO BE ARRANGED				
520A	EC DEV TH & POLICY			04.0 CR	
	PREREQ ECON 440 AND 441				
1	05.45-07.25	T TH	CL	109	BADRE ALBERT
522	MICR FOUN-LABOR MKT			04.0 CR	
	PREREQ 465, 308				
1	11.00-12.50	M W	PULL	37	SCULLY GERALD W
526	MANAGERIAL ECON			04.0 CR	
	PREREQ ECON 214 & 215 OR 351 OR				
	CONSENT OF INSTR				
1	05.45-07.25	M W	CL	109	BUNGER BYRON M
	CROSSLISTED WITH BA 526				
530	FOREIGN TRADE			04.0 CR	
	PREREQ ECON 429 OR CONSENT OF INSTR				
1	11.00-12.50	T	LS II	330	BATRA
	11.00-12.50	F	CL	109	
533	PUB FIN THEORY & PR			04.0 CR	
	PREREQ ECON 330 AND CONSENT OF INSTR				
1	01.00	T TH	WHAM	307	RUSSELL
	01.00	W F	WHAM	319	
541A	MACROECON TH I & II			04.0 CR	
	PREREQ 441 OR CONSENT OF INSTR				
1	09.00	MTW	WHAM	317	STALON CHARLES G
	09.00	TH	CL	109	
581	ECON OF WELFARE			04.0 CR	
	PREREQ ECON 440 OR CONSENT OF INSTR				
1	07.35-09.15 PM	M W	CL	24	MARTINSEK
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DOCTORAL DISSERTAT			01.0 TO 48.0 CR	
1	TO BE ARRANGED				



# **Educational Administration and Foundations (EDAF)**

355	PHILOSOPHY OF EDUC			04.0 CR	
1	08.00	MTWTH	WHAM	205	
2	08.00	T TH	PULL	34	
	08.00	W F	PULL	39	
3	09.00	MTWTH	WHAM	205	
4	10.00	MTWTH	WHAM	228	
5	10.00	MTW F	WHAM	317	
6	11.00	M W	WHAM	308	
	11.00	T TH	LAWSON	121	
7	12.00	MTWTH	WHAM	205	
8	12.00	MTWTH	WHAM	202	
9	02.00	MTWTH	WHAM	228	
10	03.00	MTWTH	0875	102	
11	03.00	MTWTH	WHAM	228	
12	04.00	MTWTH	WHAM	228	
13	05.45-07.25	M W	WHAM	205	
14	05.45-07.25	T TH	WHAM	202	
431	HIST OF EDUC IN U S			04.0 CR	
1	06.30-09.00 PM	TH	WHAM	210	VINDCUR SAMUEL M
500	RESEARCH METHODS			04.0 CR	
1	09.00-11.30		S WHAM	203	
2	06.30-09.00 PM	W	WHAM	312	
3	06.30-09.00 PM	M	WHAM	208	
501A	SEMINAR IN EDAF			04.0 CR	
1	06.30-09.00 PM	M	WHAM	231	
503	SEM-PHIL OF EDUC			00.0 TO 04.0 CR	
	PREREQ 554 OR EQUIVALENT				
1	TO BE ARRANGED				LEAN ARTHUR EDWARD
507A	20TH CENTURY & EDUC			04.0 CR	
1	06.30-09.00 PM	TH	WHAM	328	BRACEWELL
508A	INTERDISCIP SEM ED			04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	T	WHAM	321	MOORE
511A	INTERN PRACTICUM			04.0 CR	
	PREREQ CONSENT OF THE DEPARTMENT ADVISORY COMMITTEE				
1	TO BE ARRANGED				
511B	INTERN PRACTICUM			04.0 CR	
	PREREQ 511A				
1	TO BE ARRANGED				
511C	INTERN PRACTICUM			04.0 CR	
	PREREQ 511B				
1	TO BE ARRANGED				
520B	ILLINOIS SCHOOL LAW			04.0 CR	
	PREREQ 520A				
1	06.30-09.00 PM	TH	WHAM	321	SASSE
524A	SCHL ADMINISTRATION			04.0 CR	
1	06.30-09.00 PM	W	WHAM	228	ARMISTEAD FRED J
524B	SCHL ADMINISTRATION			04.0 CR	
	PREREQ EDAF 524A				
1	06.30-09.00 PM	T	WHAM	208	
533	SCHOOL BUILDINGS			04.0 CR	
1	06.30-09.00 PM	TH	WHAM	228	
534A	SCHOOL FINANCE			04.0 CR	
1	06.30-09.00 PM	M	WHAM	329	
539	COMMUNITY DEVELOP			04.0 CR	
1	06.30-09.00 PM	W	PULL	39	
554	CONTRAST PHIL IN ED			04.0 CR	
	PREREQ 355 OR PHIL 355 OR EQUIVALENT				
1	09.00-11.30		S WHAM	328	LEAN ARTHUR EDWARD
556A	SCHOOL SUPERVISION			04.0 CR	
1	06.30-09.00 PM	T	WHAM	312	ARMISTEAD FRED J
560	CURRICULUM			04.0 CR	
1	06.30-09.00 PM	W	WHAM	329	FISHBACK WOODSON W
575A	IND RES CURRICULUM			01.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				FISHBACK
575B	IND RES SUPERVISION			01.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				BRACEWELL & ARMISTEAD

575C	IND RES BUILDINGS	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
575D	IND RES FINANCE	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				KAISER
575E	IND RES SCHOOL LAW	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SASSE
575F	IND RES COMPAR EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				LEAN & VINOCUR
575G	IND RES HIST EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				MCKENZIE & VINOCUR
575H	IND RES PHIL EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
575J	IND RES ADMIN	01.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				SASSE
576A	READINGS ADM-FOUND	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
576B	READINGS ADM-FOUND	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
576C	READINGS ADM-FOUND	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
589	GEN GRAD SEMINAR	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	07.00-09.30 PM M	H EC	208		
591	SEM-SOC & PHIL FOUN	02.0 CR			
	PREREQ ADVANCED STANDING				
1	10.00-11.50 M	WHAM	301B	DENNIS	
2	10.00-11.50 M W	WHAM	301A	VINOCUR	
	OPEN TO FULLY ADMITTED DOCTORAL STUDENTS				
592	DOCT SEM CULT FOUN	04.0 CR			
	PREREQ 591				
1	10.00-11.50	T TH	WHAM	301B	MCKENZIE WILLIAM R
2	02.00-03.50	T TH	WHAM	301A	
596	IND INVESTIGATION	05.0 TO 09.0 CR			
1	TO BE ARRANGED				
597	THESIS	01.0 TO 03.0 CR			
1	TO BE ARRANGED				
598	THESIS	01.0 TO 03.0 CR			
1	TO BE ARRANGED				
599	THESIS	05.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				

### Elementary Education (ELED)

100	INTRO TO ELEM EDUC				03.0 CR
1	08.00	M W F	WHAM	203	
2	09.00	M W F	WHAM	228	
3	12.00	M W F	WHAM	210	
4	01.00	M W F	WHAM	210	
5	02.00	M W F	WHAM	210	
6	03.00	M W F	WHAM	210	BRADFIELD LUTHER
101	DEVEL RDING-LRN SKL				02.0 CR
1	08.00	M W F	WHAM	114	
2	08.00	T TH S	WHAM	114	
3	09.00	M W F	WHAM	114	
4	09.00	T TH S	WHAM	114	
5	10.00	M W F	WHAM	114	
6	10.00	T TH S	WHAM	114	
7	11.00	T TH S	WHAM	114	
8	11.00	M W F	WHAM	114	
9	12.00	M W F	WHAM	114	
10	01.00	M W F	WHAM	114	
11	01.00-02.20	T TH	WHAM	114	
12	02.00	M W F	WHAM	114	

13	03.00	M W F	WHAM	114	
14	03.00-04.20	T TH	WHAM	114	
	RESTR TO DEVEL SKILLS SECT 14				
15	04.00	M W F	WHAM	114	
16	07.00-08.30 PM	T TH	WHAM	114	
	RESTR TO DEVEL SKILLS SECT 16				
203	UNDRSTD EL SCH CHLD			03.0 CR	
	PREREQ GSB 201C				
1	02.00	T TH	WHAM	210	LEE
2	03.00	T TH	WHAM	210	LEE
3	03.00	W F	WHAM	321	LEE
301	FIELD EXPERIENCE			02.0 CR	
1	TO BE ARRANGED				HEINZ
309	KIND-PRIM SOC STUD			03.0 CR	
	PREREQ 316				
1	01.00	MTWTH	WHAM	206	
2	03.00	MTWTH	WHAM	206	
3	06.30-09.00 PM	TH	WHAM	326	
312	INSTR ANAL&FIELD WK			02.0 CR	
	PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM				
1	TO BE ARRANGED				HEINZ
	BLOCK COURSE FOR FIELD EXP-SEE FOOTNOTE BELOW				
314	ELEM SCHOOL METHODS			04.0 CR	
	PREREQ GUID 305				
1	08.00	MTWTH	WHAM	210	SWICK KEVIN J
2	09.00	MTWTH	WHAM	206	LAMB MORRIS L
3	09.00	MTWTH	WHAM	210	
4	10.00	MTWTH	WHAM	206	
5	11.00	MTWTH	WHAM	203	
6	02.00	MTWTH	WHAM	206	
7	06.30-09.00 PM	T	WHAM	206	
8	06.30-09.00 PM	W	WHAM	210	SWICK
	SECTIONS 1-8 FOR ELED MAJORS ONLY				
316	KINDER PRIMARY METH			04.0 CR	
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	203	BAKER REBECCA E
337	READING IN ELEM SCH			04.0 CR	
	PREREQ 314				
1	10.00	TWTH	WHAM	210	
	10.00	M	WHAM	212	
2	11.00	MTWTH	WHAM	206	
3	01.00	MTWTH	WHAM	203	BROD
4	02.00	MT THF	WHAM	203	BROD ERNEST E
5	06.30-09.30 PM	M	WHAM	203	FISHCO DANIEL T
6	06.30-09.30 PM	W	WHAM	208	HILL
	SECT 4,5,6-BLOCK COURSES FOR FIELD EXP				
350	KIND PRI STUD TCH			04.0 TO 16.0 CR	
1	TO BE ARRANGED				
351	EL STUDENT TCH			04.0 TO 16.0 CR	
1	TO BE ARRANGED				
	GENERAL				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	EMH				
4	TO BE ARRANGED				
	MUSIC				
5	TO BE ARRANGED				
	PE				
6	TO BE ARRANGED				
	PH				
7	TO BE ARRANGED				
	SP C				
8	TO BE ARRANGED				
	SP ED				
375	READINGS IN EL ED			02.0 TO 03.0 CR	
1	TO BE ARRANGED				SLOAN FRED A JR
411	SEM - INSTRUCTION			02.0 TO 04.0 CR	
1	10.00	MT THF	WHAM	210	LINDBERG

2	11.00	MT THF	WHAM	210	LINDBERG
	BLOCK COURSE FOR FIELD EXP SEE NOTE BELO				
413	CHILDRENS LIT			04.0 CR	
	PREREQ	GUID 305			
1	10.00	MTWTH	WHAM	208	
2	11.00	MTWTH	WHAM	208	
3	06.30-09.30 PM	T	WHAM	210	
415	IMPR ARITH ELEM SCH		02.0 TO 04.0 CR		
	PREREQ	MATH 210 OR CONSENT OF INSTR			
1	10.00	TWTHF	WHAM	203	BEATTIE IAN D
2	06.30-09.30 PM	T	WHAM	228	BEATTIE IAN D
423	TCH EL ENG LANG ART			04.0 CR	
	PREREQ	314, 316, & 337			
1	09.00-12.00		S WHAM	305	BULLER
2	06.30-09.30 PM	W	WHAM	303	BULLER
424	TEACH EL SOC STUD			04.0 CR	
	PREREQ	314, 316 & 337			
1	09.00-12.00		S WHAM	210	LAMB
2	06.30-09.30 PM	TH	WHAM	312	LAMB
431	ED FOR DISADV CHILD			03.0 CR	
	PREREQ	337			
1	TO BE ARRANGED				SLOAN FRED A JR
	BLOCK COURSE FOR FIELD EXPERIENCE- SEE				
	FTNOTE BELOW				
441	INTRO-TEACH EL SCI			04.0 CR	
	PREREQ	ELED 314			
1	10.00	MTWTH	PULL	304	HUNGERFORD
2	01.00	MTWTH	PULL	304	TOMERA
3	03.00-04.50	MT	PULL	304	JAMES
4	06.30-09.00 PM	TH	PULL	304	TOMERA
5	06.30-09.00 PM	W	PULL	304	HUNGERFORD
6	06.30-09.00 PM	T	PULL	304	JAMES
475C	WKSHP ELED-LANG ART			04.0 CR	
	PREREQ	ELED 314			
1	TO BE ARRANGED				
505	READING IN ELEM SCH			04.0 CR	
1	06.30-09.00 PM	T	WHAM	203	BROD ERNEST E
507	READINGS IN READING		02.0 TO 04.0 CR		
	PREREQ	505 AND CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				HILL MARGARET KEYSER
2	TO BE ARRANGED				BROD
509	PRACTICUM IN READ		04.0 TO 08.0 CR		
	PREREQ	521A, B, AND C, & CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				FISHCO DANIEL T
516	INTERN IN READING		04.0 TO 12.0 CR		
	PREREQ	521A, B, AND C, & CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				HILL MARGARET KEYSER
519	READINGS-ELEM MATH		02.0 TO 04.0 CR		
	PREREQ	415, 515			
1	TO BE ARRANGED				BEATTIE IAN D
520	DIAG ELEM MATH DISA			04.0 CR	
	PREREQ	515 OR CONCURRENT REGISTRATION			
1	TO BE ARRANGED				BEATTIE IAN D
521A	DIAG-COR READ DISAB			04.0 CR	
	PREREQ	505, OR CONCURRENT REGISTRAT., AND TEACHING EXPER.			
1	09.00-11.30		S WHAM	118	FISCHO
542	LANG ARTS IN EL SCH		01.0 TO 04.0 CR		
1	06.30-09.00 PM	M	WHAM	303	BULLER
560	KIND-PRI ED			04.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	06.30-09.00 PM	W	WHAM	206	BAKER REBECCA E
561	ELEM SCH CURR			04.0 CR	
1	06.30-09.00 PM	M	WHAM	210	LINDBERG DORMALEE H
564	INTERN-EL SCI ED		04.0 TO 12.0 CR		
	PREREQ	442, 541 OR CONSENT OF INSTR			
1	TO BE ARRANGED				HUNGERFORD
575A	IND RES CURRICULUM		02.0 TO 04.0 CR		

1	TO BE ARRANGED		LEE J MURRAY
2	TO BE ARRANGED		LINDBERG
575B	IND RES SUPERVISION	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BRADFIELD
575C	IND RES LANG ARTS	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BULLER
575D	IND RES SCIENCE	02.0 TO 04.0 CR	
1	TO BE ARRANGED		HUNGERFORD HAROLD R
575E	IND RES READING	02.0 TO 04.0 CR	
1	TO BE ARRANGED		FISHCO DANIEL T
2	TO BE ARRANGED		BULLER
575F	IND RES SOC STUD	02.0 TO 04.0 CR	
1	TO BE ARRANGED		RANDOLPH
2	TO BE ARRANGED		LAMB
3	TO BE ARRANGED		SWICK
575G	IND RES ELEM ED	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SLOAN FRED A JR
575H	IND RES ARITHMETIC	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BEATTIE IAN D
575J	IND RES PROB IN K-P	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BAKER REBECCA E
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		LEE J MURRAY
2	TO BE ARRANGED		HILL MARGARET KEYSER
3	TO BE ARRANGED		SLOAN FRED A JR
4	TO BE ARRANGED		BRADFIELD
5	TO BE ARRANGED		RANDOLPH
6	TO BE ARRANGED		BEATTIE

ELED 411 - Sections 1 and 2 Block Program: Students must leave Wednesday free for participation in the school and take ELED 337, sections 4,5, or 6; ELED 431; ELED 312; and any other specialized methods course taught at night.

### Engineering (ENGR)

100	ORIENTATION		00.0 CR
1	04.00	T	TECH A 111
222	DIGITAL COMP PROG		03.0 CR
	PREREQ MATH 111B		
1	08.00	T TH	TECH A 111
	12.00	M W	TECH A 220
2	08.00	T TH	TECH A 111
	12.00	T TH	NKRS A 458
3	08.00	T TH	TECH A 111
	04.00	M W	NKRS A 358
4	08.00	T TH	TECH A 111
	04.00	T TH	TECH A 208
5	08.00	T TH	TECH A 111
	05.00	M W	TECH D 131
6	08.00	T TH	TECH A 111
	05.00	T TH	TECH D 131
7	08.00	T TH	TECH A 111
	08.00	M W	TECH B 20
8	08.00	T TH	TECH A 111
	09.00	T TH	TECH B 20
9	08.00	T TH	TECH A 111
	06.30-07.25 PM	M W	TECH A 208
10	08.00	T TH	TECH A 111
	06.30-07.25 PM	T TH	TECH A 408
11	08.00	T TH	TECH A 111
	05.00	M W	TECH A 308
12	08.00	T TH	TECH A 111
	05.00	T TH	TECH A 308
260A	ANALY MECHANICS		03.0 CR
	PREREQ CONCURRENT ENROLLMENT IN MATH 150B		



1	09.00	M W F	TECH A	210
2	11.00	M W F	TECH A	210
3	06.00-07.25 PM	M W	TECH D	131
260C	ANALY MECHANICS			03.0 CR
	PREREQ ENGR 260B			
1	10.00	M W F	TECH A	410
300A	THERMODYNAMICS			03.0 CR
	PREREQ MATH 252A			
1	08.00	M W F	TECH D	131
2	10.00	M W F	TECH D	131
300B	THERMODYNAMICS			03.0 CR
	PREREQ ENGR 300A			
1	01.00	M W F	TECH A	420
311A	PROPERTIES OF MAT			03.0 CR
	PREREQ 260C & MATH 252B			
1	12.00	M W F	TECH A	111
	02.00-04.50	M	TECH D	14
2	12.00	M W F	TECH A	111
	06.00-08.50 PM	M	TECH D	14
3	12.00	M W F	TECH A	111
	02.00-04.50	T	TECH D	14
311B	PROPERTIES OF MAT			03.0 CR
	PREREQ 260C & MATH 252B			
1	03.00	M W F	TECH A	221
311C	PROPERTIES OF MAT			03.0 CR
	PREREQ 260C & MATH 252B			
1	02.00	M W F	TECH A	420
313A	FLUID MECHANICS			03.0 CR
	PREREQ ENGR 260C			
1	09.00	M W F	TECH D	14A
2	02.00	M W F	TECH D	14A
335	ELECTRICAL CIRCUITS			04.0 CR
	PREREQ MATH 252A			
1	08.00	MTW F	TECH A	222
2	10.00	MTW F	TECH A	120
336	INTRO TO ELECTRONIC			04.0 CR
	PREREQ ENGR 335			
1	09.00	M W F	TECH A	220
	06.00-08.50 PM	TH	TECH D	106
338	ELECTROMAG FIELDS			03.0 CR
	PREREQ MATH 305A			
1	11.00	M W F	TECH A	410
413A	INTER MECH OF FLUID			03.0 CR
	PREREQ ENGR 313A, B, MATH 305A			
1	11.00	M W F	TECH D	14A
415A	WATER QUALITY CONTR			03.0 CR
	PREREQ CHEM 121B & MATH 150 OR EQUIV			
1	01.00	M W F	TECH B	42
416A	AIR POLLUT CONTROL			03.0 CR
1	02.00	M W F	TECH B	42
417	FUND-COMP FLUID FLO			03.0 CR
	PREREQ ENGR 313A,B			
1	TO BE ARRANGED			
420A	TRANS PHENOMENA			03.0 CR
	PREREQ ENGR 313B AND 302A			
1	TO BE ARRANGED			
422	OPERATIONS RESEARCH			04.0 CR
	PREREQ AP S 420			
1	11.00	M W F	TECH A	420
430	SPEC PROB IN ENGR		02.0 TO 08.0	CR
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED			
432	ANALOG COMP-ENG DES			03.0 CR
	PREREQ MATH 305A			
1	09.00	M W F	TECH D	116
437	MICROWAVE TH & MEAS			04.0 CR
	PREREQ ENGR 338			
1	10.00	M W F	TECH A	420
439A	TRANSIENT AN&NWK TH			03.0 CR
	PREREQ ENGR 336			
1	08.00	M W F	TECH A	308

440A	STRUCTURES				03.0 CR
	PREREQ ENGR 311A				
1	TO BE ARRANGED				
443A	ENGINEERING DESIGN				03.0 CR
	PREREQ SENIOR STANDING IN ENGR				
1	11.00	T TH		TECH A	208
	09.00-10.50	T		TECH A	308
2	11.00	T TH		TECH A	208
	01.00-02.50	T		TECH A	307
447	INT MECH-MAT&STRUCT				03.0 CR
	PREREQ ENGR 311A				
1	10.00	M W F		TECH D	14
463A	INTRO INSTRUMENT				03.0 CR
	PREREQ ENGR 336				
1	01.00	M F		TECH A	410
	01.00-03.50	W		TECH D	106
2	01.00	M F		TECH A	410
	06.00-08.50 PM	T		TECH D	106
480A	ENGR PROCESS DESIGN				03.0 CR
	PREREQ ENGR 300C AND 302				
1	03.00	M W F		TECH A	410
500	CONVECT HEAT TRANSF				03.0 CR
	PREREQ 413A OR 420A OR CONSENT OF INS TR				
1	TO BE ARRANGED				
516A	WATER RESOURCES				04.0 CR
1	TO BE ARRANGED				
517A	ANAL-DES OF SYSTEMS				04.0 CR
	PREREQ GRAD STANDING				
1	10.00-11.50	T TH		TECH D	116
530A	SEPARATION PROCESS				03.0 CR
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
535A	NETWORK ANAL & SYN				03.0 CR
	PREREQ ENGR 439A OR CONSENT OF INSTR				
1	09.00	M W F		TECH D	108
570	SPECIAL INVESTIGAT				02.0 TO 06.0 CR
1	TO BE ARRANGED				
580	SEMINAR				01.0 TO 09.0 CR
1	TO BE ARRANGED				
599	THESIS				01.0 TO 09.0 CR
1	TO BE ARRANGED				

### Engineering Technology (ET)

100	ORIENTATION				00.0 CR
1	04.00	T		TECH A	111
102A	GRAPHIC COMMUNICAT				03.0 CR
1	10.00	W		TECH A	111
	08.00-09.50	M TH		TECH A	209
2	10.00	W		TECH A	111
	08.00-09.50	M TH		TECH A	219
3	10.00	W		TECH A	111
	10.00-11.50	M TH		TECH A	209
4	10.00	W		TECH A	111
	10.00-11.50	M TH		TECH A	219
5	10.00	W		TECH A	111
	08.00-09.50	M TH		TECH A	207
6	10.00	W		TECH A	111
	10.00-11.50	M TH		TECH A	207
7	04.00	W		TECH A	111
	01.00-02.50	M TH		TECH A	209
8	04.00	W		TECH A	111
	01.00-02.50	M TH		TECH A	219
9	04.00	W		TECH A	111
	03.00-04.50	M TH		TECH A	209
10	04.00	W		TECH A	111
	03.00-04.50	M TH		TECH A	219
11	04.00	W		TECH A	111
	06.00-07.50 PM	M TH		TECH A	209
12	04.00	W		TECH A	111
	06.00-07.50 PM	M TH		TECH A	219

102B	GRAPHIC COMMUNICAT			03.0 CR
	PREREQ E T 102A			
1	11.00	TH	TECH A	111
	08.00-09.50	T F	TECH A	207
2	11.00	TH	TECH A	111
	10.00-11.50	T F	TECH A	207
260A	STATICS & DYNAMICS			03.0 CR
	PREREQ MATH 150B	CONCURRENT		
1	08.00	M W F	TECH A	208
2	03.00	M W F	TECH A	208
260C	STATICS & DYNAMICS			03.0 CR
	PREREQ E T 260B			
1	10.00	T TH S	TECH D	131
303A	ELECTRONIC TECH			03.0 CR
	PREREQ E T 304B			
1	09.00	M W	AG	168
	06.00-08.50 PM	M	TECH D	106
2	09.00	M W	AG	168
	01.00-03.50	M	TECH D	106
3	09.00	M W	AG	168
	06.00-08.50 PM	TH	TECH D	106
304A	ELECTRICAL CIRCUITS			03.0 CR
	PREREQ MATH 150B	OR CONCURRENT		
	ENROLLMENT			
1	09.00	M W	TECH A	208
	06.00-07.50 PM	TH	TECH D	104
2	10.00	T TH	TECH A	222
	01.00-02.50	W	TECH D	104
3	11.00	M W	TECH A	322
	09.00-10.50	T	TECH D	104
304C	ELECTRICAL CIRCUITS			03.0 CR
	PREREQ E T 304B	AND MATH 225A		
1	01.00	T TH	TECH D	104
	02.00-04.50	T	TECH D	104
308A	MACHINE DESIGN			03.0 CR
	PREREQ E T 260			
1	08.00	M W F	TECH A	322
310A	CONST MECHANICS			03.0 CR
	PREREQ E T 260			
1	12.00	M W F	TECH A	410
311A	STRENGTH-MATERIALS			03.0 CR
	PREREQ E T 260B			
1	08.00	M W	AG	214
	09.00-11.50	T	TECH D	14
2	08.00	M W	AG	214
	09.00-11.50	F	TECH D	14
3	08.00	M W	AG	214
	06.00-08.50 PM	TH	TECH D	14
313A	EL HEAT POWER			04.0 CR
	PREREQ MATH 150A			
1	09.00	MT THF	TECH A	422
2	01.00	MT THF	TECH A	422
314A	SOIL MECHANICS			03.0 CR
	PREREQ E T 311B			
1	03.00	M W	TECH A	222
	09.00-11.50	S	TECH D	12A
2	03.00	M W	TECH A	222
	09.00-11.50	TH	TECH D	12A
315	EL STRUCTURAL ANALY			03.0 CR
	PREREQ ET 311B			
1	09.00	M W F	TECH A	320
318A	HYDRAULICS			03.0 CR
	PREREQ E T 260C			
1	10.00	M W F	TECH D	14A
2	01.00	M W F	TECH D	14A
332A	ELECT MACHINERY			03.0 CR
	PREREQ E T 304B			
1	11.00	T TH	TECH A	222
	06.00-09.00 PM	W	TECH A	122
2	11.00	T TH	TECH A	222
	02.00-04.50	M	TECH D	122

3	11.00	T TH	TECH A	222
	02.00-04.50	TH	TECH D	122
336A	ELECTRICAL MEAS		03.0	CR
	PREREQ E T 304			
1	10.00	M W	TECH A	208
	02.00-04.50	W	TECH D	106
2	10.00	M W	TECH A	208
	01.00-03.50	TH	TECH D	106
340	MECHANISMS		04.0	CR
	PREREQ E T 260C & ENGR 222			
1	12.00	MT TH	TECH A	308
	02.00-04.50	T	TECH A	207
342	TECHNOLOGY DESIGN		03.0	CR
	PREREQ SR STANDING			
1	02.00	M W F	TECH A	308
363A	SURVEYING		04.0	CR
	PREREQ MATH 111B, E T 102B			
1	12.00	T TH	TECH A	111
	09.00-11.50	T TH	TECH A	319
2	12.00	T TH	TECH A	111
	02.00-04.50	T TH	TECH A	319
426A	PHOTOGRAMMETRY		03.0	CR
	PREREQ E T 363 OR CONSENT OF INSTR			
1	04.00	M W F	TECH A	319
430	SPECIAL PROBLEMS		02.0 TO 08.0	CR
	PREREQ CONSENT OF COORDINATOR			
1	TO BE ARRANGED			
437A	IND ELECT AND COMM		03.0	CR
	PREREQ E T 304			
1	09.00	T TH	TECH A	208
	02.00-04.50	T	TECH D	106
2	09.00	T TH	TECH A	208
	09.00-11.50	F	TECH D	106

### English (ENG)

105A	ENG COMP-FOREIGN ST		03.0	CR
	PREREQ EQUIVALENT TO GSD 101-LIMITED TO FOREIGN STUDENTS			
1	08.00	M THF	WHAM	231
	08.00	T	0720	102
2	08.00	M THF	H EC	122A
	08.00	T	0720	102
3	09.00	M THF	TECH A	120
	08.00	T	0720	102
105B	ENG COMP-FOREIGN		03.0	CR
	PREREQ EQUIVALENT TO GSD 102-LIMITED TO FOREIGN STUDENTS			
1	03.00	MT F	H EC	122A
	04.00	W	H EC	206
2	04.00	MT F	H EC	122A
	04.00	W	H EC	206
209	INTRO- THREE GENRES		04.0	CR
	PREREQ GSC 103			
1	10.00	T THF	0720	108
	10.00	M	PULL	37
2	01.00	TWTHF	0720	108
3	02.00	M F	H EC	118
	02.00	T TH	0720	108
300A	GRAMMATICAL ANAL		03.0	CR
1	10.00	MT TH	H EC	208
2	12.00	M WTH	0720	107
3	01.00	M W F	PIERCE	130
4	02.00	M W	0721	101
	02.00	F	0720	109
300B	GRAMMATICAL ANAL		03.0	CR
	PREREQ ENG 300A			
1	09.00	M	0720	105
	09.00	T TH	0720	117
2	11.00	M W F	WHAM	321
3	04.00	MT TH	0720	102
302A	ENG LIT TO 1550		04.0	CR

	PREREQ	REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG			
1	08.00	MT THF	0721	101	
2	12.00	MT THF	0720	105	
3	03.00	M WTHF	0720	117	
302B	ENG LIT 1550-1750			04.0	CR
	PREREQ	REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG			
1	11.00	MT THF	AG	152	
2	01.00	MT F	H EC	201	
	01.00	TH	H EC	203	
302C	ENG LIT-AFTER 1750			04.0	CR
	PREREQ	REQUIRED OF STUDENTS WITH CONCENTRATION IN ENG			
1	10.00	MT THF	H EC	122	
2	02.00	M	0720	105	
	02.00	T TH	0720	117	
	02.00	F	0720	118	
309A	AMER LIT-TO 1860			04.0	CR
1	08.00	MT F	H EC	201	
	08.00	TH	0720	105	
2	09.00	MT THF	WHAM	321	
3	02.00	MT THF	CL	25	
309B	AMER LIT-SINCE 1860			04.0	CR
1	12.00	M F	H EC	118	
	12.00	T TH	0720	116	
309C	AM LIT 1914-PRESENT			04.0	CR
1	01.00	M TH	0720	103	
	01.00	T F	0720	102	
2	04.00	MT THF	0720	104	
390	ADVANCE COMPOSITION			03.0	CR
	PREREQ	C IN GSD 101,102 & GSC 103 -EN G MAJ OR DEPT CONSENT			
1	09.00	M W F	AG	152	
2	10.00	M WTH	H EC	201	
3	11.00	M W F	NKRS A	278	
4	12.00	M	0720	101	
	12.00	W F	0720	102	
5	03.00	MT TH	0720	114	
6	04.00	M W F	WHLR	203	
400	INTRO ENG LINGUIST			04.0	CR
1	12.00	MT THF	0720	109	FRIEND
404A	MID ENG LIT-EX CHAU			04.0	CR
1	09.00	M	0720	106	HATTON THOMAS J
	09.00	T THF	0720	101	
412A	16C ENG LIT-NON DR			04.0	CR
	PREREQ	MAY BE TAKEN SINGLY			
1	03.00	MT THF	0720	108	SCHULTZ
412B	17C ENG LIT-NON DR			04.0	CR
	PREREQ	MAY BE TAKEN SINGLY			
1	01.00	MT THF	0721	101	SIMEONE WILLIAM
412C	AGE OF DRYDEN			04.0	CR
	PREREQ	MAY BE TAKEN SINGLY			
1	02.00	MT THF	0720	101	VIETH DAVID
420A	AMER POET - TO 1900			04.0	CR
	PREREQ	MAY BE TAKEN SINGLY			
1	11.00	MT THF	0720	104	MOSS SIDNEY PHIL
421A	ENG POET-EARLY ROM			04.0	CR
1	11.00	M WTHF	0720	109	BENZIGER
421C	ENG POET-VICTORIAN			04.0	CR
1	12.00	M W	0720	103	HILLEGAS
	12.00	T TH	0720	104	
431A	AM WRIT 1620-1800			04.0	CR
1	03.00	MT THF	0720	116	STIBITZ E EARLE
438	BACKGROUND AMER LIT			04.0	CR
1	04.00	MT THF	0720	106	STIBITZ E EARLE
454A	ENG FICT-18C NOVEL			04.0	CR
1	10.00	MT THF	0721	102	SCHONHORN MANUEL
454B	ENG FICT-VICT NOVEL			04.0	CR
1	05.45-07.25	T TH	0720	114	PARTLOW ROBERT B JR
454C	ENG FICT-CONTEMP BR			04.0	CR



1	10.00	M F	0720	109	BOYLE TED EUGENE
	10.00	T TH	0720	117	
456	MODERN CONT FICT		04.0	CR	
1	04.00	MT THF	0720	103	RAIZIS BYRON M
458B	AMER FICT - CONTEMP		04.0	CR	
1	09.00	MT THF	0720	104	PIPER
2	01.00	MT THF	0721	102	HOWELL
460A	BRIT DRAMA-ELIZABTH		04.0	CR	
1	12.00	MT THF	0721	102	BROWN WILLIAM J
471A	SHAKESPEARE		04.0	CR	
1	02.00	MT THF	0721	102	SCHULTZ HOWARD
471B	SHAKESPEARE		04.0	CR	
1	08.00	MT THF	0720	101	BROWN WILLIAM J
2	07.35-09.15 PM	T TH	0720	116	GRIFFIN
485	PROB TEACH ENG /P/		04.0	CR	
1	10.00-11.50	T TH	LAWSON	201	APPLEBY
2	03.00-04.50	M	PULL	35	BOTTS
	03.00-04.50	W	0720	102	
493	SP PROB IN ENG		04.0	CR	
	PREREQ CONSENT OF INSTR				
1	12.00	MT THF	0721	101	TAYLOR
495B	LIT CRITICISM-MOD		04.0	CR	
1	08.00	MT THF	0720	118	RUDNICK HANS-H
497A	HONORS ENGLISH		04.0	CR	
	PREREQ DEPARTMENTAL APPROVAL REQUIRED				
1	09.00-10.50	M W	0720	101	LAWSON RICHARD
	TOPIC-FAULKNER				
497B	HONORS ENGLISH		04.0	CR	
	PREREQ DEPARTMENTAL APPROVAL REQUIRED				
1	01.00-02.50	T	0720	109	RAIZIS
	01.00-02.50	TH	0720	105	
	TOPIC PROMETHEUS				
497C	HONORS ENGLISH		04.0	CR	
1	TO BE ARRANGED				LAWSON RICHARD
499	READINGS IN ENGLISH	02.0 TO 06.0	CR		
	PREREQ NO MORE THAN 4HRS MAY BE TAKEN				
	IN ANY ONE QUARTER				
1	TO BE ARRANGED				LAWSON RICHARD
500	M & M ENG RESEARCH		02.0	CR	
1	08.00	M TH	0720	102	RAINBOW RAYMOND S JR
2	08.00	T F	WHAM	208	RAINBOW RAYMOND S JR
501	OLD ENGLISH GRAMMAR		04.0	CR	
1	09.00	MT THF	H EC	122A	RAINBOW RAYMOND S JR
513	STUD 17 C ENG LIT	04.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	10.00-11.50	M W	0720	108	SIMEONE
	TOPIC BACON & BURTON				
514A	RESTORATION LIT	04.0	TO 08.0	CR	
	PREREQ CONSENT OF DEPT				
1	10.00-11.50	T TH	H EC	122A	VIETH DAVID
	TOPIC RESTORATION DRAMA				
520	STUD ROM WRITERS	04.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	M W	H EC	122A	BENZIGER JAMES G
	TOPIC THEORIES OF ROMANTICISM				
534	STUD EAR 19C AM WR	04.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	T TH	WHAM	319	MOSS
	TOPIC-MELVILLE				
537	STUD 20TH C AM WR	04.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	11.00-12.50	T	WHAM	319	PIPER
	11.00-12.50	TH	WHAM	212	
	TOPIC FAULKNER				
566	STUD IN SHAKESPEARE	04.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	08.00	MTWTH	WHAM	301B	BALDWIN T W
581A	PROB TEACHING ENG		04.0	CR	
	PREREQ CONSENT OF DEPT				
1	06.00-09.00 PM	M	WHAM	312	EVANS WILLIAM H
581B	PROB TEACHING ENG		04.0	CR	

	PREREQ	CONSENT OF DEPT				
1	06.00-09.00 PM	W	LAWSON	231	APPLEBY	
585	TEACHING COL COMP			02.0	CR	
1	09.00	W	0720	102	HURLEY PAUL JOSEPH	
593	SP PROB IN ENG			04.0	CR	
	PREREQ	CONSENT OF INSTR				
1	03.00-04.50	M W	0721	102	HILLEGAS	
	TOPIC MYTHS OF TIME & SPACE					
594A	STUD LIT FORM-SYMB			04.0	CR	
	PREREQ	CONSENT OF DEPT				
1	03.00-04.50	T TH	0721	102	TENNEY	
598A	IND REV ENG AM LIT		01.0	TO 03.0	CR	
1	TO BE ARRANGED					
598B	IND REV ENG AM LIT		01.0	TO 03.0	CR	
1	TO BE ARRANGED					
600	DISSERTATION		01.0	TO 48.0	CR	
1	TO BE ARRANGED					

#### Finance (FIN)

305	PERSONAL FINANCE			04.0	CR	
1	08.00	MTWTH	LAWSON	231		
320	INTRO TO BUS FIN			04.0	CR	
	PREREQ	ACCT 261, ECON 215				
1	09.00	MTWTHF	0862	102		
2	11.00	MTWTHF	0871	101		
3	01.00	MTW F	AG	216		
4	02.00	MT TH	H EC	102		
	02.00	W	H EC	206		
	02.00	F	H EC	202		
323	INVESTMENTS			04.0	CR	
	PREREQ	320 OR CONSENT OF INSTRUCTOR				
1	11.00	TWTHF	0861	101		
325	FINANCIAL MARKETS			04.0	CR	
	PREREQ	FIN 320 OR CONSENT OF INSTR				
1	12.00	MTWTH	CL	109		
327	RISK MANAGEMENT			04.0	CR	
	PREREQ	JUNIOR STANDING				
1	10.00	MTWTH	AG	224		
370	LEGAL & SOC ENVIRON			04.0	CR	
1	12.00	TWTHF	AG	216		
2	01.00	TWTHF	LAWSON	201		
3	02.00	MTWTH	LS I	16		
4	03.00	MTWTH	LS I	16		
421	MGT OF BUS FINANCE			04.0	CR	
	PREREQ	320				
1	10.00	T TH	CL	25		
	10.00	W F	CL	326		
430	BUSINESS FINANCE			04.0	CR	
1	TO BE ARRANGED					
473	GOVT REG OF BUS			04.0	CR	
	PREREQ	SENIOR STANDING				
1	01.00	TWTHF	0861	101		

#### Food & Nutrition (F&N)

100	FUNDAMENT NUTRI			03.0	CR	
1	08.00	M W F	H EC	140B		
256	SCIENCE OF FOOD			05.0	CR	
	PREREQ	F&N 100, CHEM 110 AND 240 OR EQUIVALENT				
1	12.00	M W F	H EC	206	HARPER JENNIE M	
	12.00-01.50	T TH	H EC	212		
2	12.00	M W F	H EC	206	HARPER JENNIE M	
	08.00-09.50	T TH	H EC	212		
320	NUTRITION			03.0	CR	
	PREREQ	F&N 100, CHEM 110 & 240				
1	11.00	M W F	H EC	203	PAYNE IRENE R	
	12.00	F	H EC	214		
335	MEAL MANAGEMENT			04.0	CR	
	PREREQ	F&N 256				
1	03.00-05.50	T TH	H EC	105	BECKER HENRIETTA E	

356	EXPERIMENTAL FOODS				04.0 CR	
	PREREQ	F&N 256				
1	03.00		T TH	H EC	214	HARPER
	03.00-04.50		W F	H EC	214	
361	FOOD SERV ORG & MGT				03.0 CR	
	PREREQ	F&N 256				
1	10.00		M W F	H EC	101	BECKER HENRIETTA E
481	READINGS				02.0 TO 04.0 CR	
	PREREQ	F&N 320 & CONSENT OF CHAIRMAN AND INSTRUCTOR				
1	TO BE ARRANGED					
500	RESEARCH METHODS				04.0 CR	
	PREREQ	F&N 420, 421, OR EQUIVALENT & STATISTICS				
1	09.00		T TH	H EC	101	PAYNE IRENE R
	10.00-11.50		T TH	H EC	204	
515	SEMINAR				01.0 TO 06.0 CR	
	PREREQ	F&N 420 OR 421				
1	01.00		F	H EC	107	KONISHI
572	SPECIAL PROBLEMS				02.0 TO 08.0 CR	
1	TO BE ARRANGED					
599	THESIS				01.0 TO 09.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED					

### Foreign Languages (FL)

453	METH TEACH MOD F L				04.0 CR	
	PREREQ	CONCURRENT AND/OR PRIOR ENR IN FR, GER, RUSS OR SPAN				
1	03.00		MT THF	0720	102	
497A	SURVEY -VIETNAM LIT				03.0 CR	
	PREREQ	EQUIV OF 2 YRS OF VIETNAMESE				
1	11.00		M TH	WHLR	107	
	11.00		W	WHLR	207	

### Portuguese (PORT)

135A	PORT CONVERSATION				01.0 CR	
	PREREQ	CONCURRENT GSD 135A				
1	09.00		TH	CL	25	
201A	INTERMEDIATE PORT				03.0 CR	
	PREREQ	GSD 135C OR EQUIVALENT				
1	03.00		M W F	WHAM	329	
	03.00		T	0720	121	

### Chinese (CHIN)

120A	CHIN CONVERSATION				01.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN GSD 120A				
1	10.00		TH	GYM	203	TAI
201A	INTER CHINESE				05.0 CR	
	PREREQ	GSD 120C OR EQUIVALENT				
1	11.00		MTWTHF	PULL	41	TAI
315	READINGS IN CHINESE				02.0 TO 06.0 CR	
	PREREQ	CHIN 201C				
1	TO BE ARRANGED					TAI

### French (FR)

123A	FRENCH CONVERSATION				01.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN GSD 123A				
1	08.00		T	WHLR	212	
2	09.00		M	WHAM	212	
3	10.00			WHLR	203	
4	11.00		TH	LS II	330	
5	12.00		TH	WHLR	214	
6	01.00		W	H EC	120	
7	02.00		T	H EC	122A	
8	03.00		TH	WHLR	107	
9	04.00		T	WHLR	214	
10	06.00		PM M	WHLR	214	

123B	FRENCH CONVERSATION	01.0	CR		
	PREREQ CONCURRENT ENROLLMENT IN				
	GSD 123B				
1	11.00	T	WHAM	321	
123C	FRENCH CONVERSATION	01.0	CR		
	PREREQ CONCURRENT ENROLLMENT IN				
	GSD 123C				
1	11.00	M	AG	218	
161A	FR FOR GRAD STUDENT		00.0	CR	
1	03.00	MTWTH	WHLR	207	BRACKETT GWENDOLYN C
161B	FR FOR GRAD STUDENT		00.0	CR	
1	03.00	MTWTH	WHLR	203	EMISON
201A	INTERMEDIATE FRENCH		03.0	CR	
	PREREQ GSD 123-9 OR GSD 123C, OR				
	2 YRS HIGH SCHOOL				
1	08.00	MT TH	WHLR	207	
	08.00	F	0720	121	
2	09.00	W F	WHLR	203	
	09.00	T	WHLR	212	
	09.00	M	0720	121	
3	10.00	M	PULL	35	
	10.00	T	WHAM	307	
	10.00	TH	0720	121	
	10.00	F	H EC	201	
4	11.00	M F	WHLR	212	
	11.00	T	ABBOTT	129	
	11.00	W	0720	121	
5	12.00	M	WHLR	214	
	12.00	T TH	WHLR	207	
	12.00	W	0720	121	
6	01.00	M TH	WHLR	212	
	01.00	F	WHLR	214	
	01.00	W	0720	121	
7	02.00	W F	WHAM	301B	
	02.00	M	0720	121	
	02.00	T	WHLR	107	
8	04.00	TWTH	WHLR	113	
	04.00	M	0720	121	
201B	INTERMEDIATE FRENCH		03.0	CR	
	PREREQ FR 201A OR EQUIVALENT				
1	12.00	M W F	AG	144	
	12.00	T	0720	121	
201C	INTERMEDIATE FRENCH		03.0	CR	
	PREREQ FR 201B OR EQUIVALENT				
1	01.00	M W F	AG	116	
	01.00	TH	0720	121	
220A	INTER FR CONVERSAT		02.0	CR	
	PREREQ FR 201C OR CONCURRENT				
	REGISTRATION IN 201				
1	08.00	W F	WHLR	207	
2	09.00	W	WHAM	301B	
	09.00	F	WHAM	231	
3	10.00	W	PULL	37	
	10.00	F	PULL	41	
4	11.00	T TH	AG	218	
5	12.00	T TH	WHLR	203	
6	02.00	T TH	WHLR	203	
350A	ADVANCED COMP-CONV		03.0	CR	
	PREREQ 201C OR EQUIV				
1	10.00	M	LS II	450	
	10.00	T TH	LS I	205	
350B	ADVANCED COMP-CONV		03.0	CR	
	PREREQ 350A				
1	10.00	M	WHLR	212	KILKER
	10.00	T	WHLR	107	
	10.00	TH	H EC	118	
354	INTRO LIT ANALYSIS		04.0	CR	
	PREREQ FR 350				
1	02.00	M W	PULL	41	OMEARA MAURICE A
	02.00	T TH	PULL	39	

397A	SURVEY FR LIT	03.0 CR	
	PREREQ 350 OR CONSENT OF INSTRUCTOR		
1	11.00 T THF	TECH A 122	
397C	SURVEY FR LIT	03.0 CR	
	PREREQ FR 350 OR CONSENT OF INSTR		
1	01.00 M W F	WHAM 303	
401A	17TH CENT FR DRAMA	03.0 CR	
	PREREQ FR 354, 397		
1	09.00 M	H EC 202	
	09.00 T TH	PULL 37	
429B	FR NOVEL & THEATRE	03.0 CR	
	PREREQ 354 AND ONE QUARTER OF 397		
1	02.00 MT TH	AG 218	KILKER
461	FRENCH STYLISTICS	04.0 CR	
	PREREQ FR 350, 354 OR CONSENT OF INST R		
1	10.00 MT THF	AG 218	OMEARA MAURICE A
499	HONORS ESSAY	04.0 CR	
	PREREQ 498 AND DEPARTMENTAL APPROVAL		
1	TO BE ARRANGED		
524	FR LIT-RENAISSANCE	02.0 TO 06.0 CR	
1	07.00 PM T TH	WHLR 207	SOUTHWORTH
536	TCHG FR-COLL LEVEL	02.0 CR	
1	03.00 T TH	WHLR 214	GUNDERSON FRANK E
543	RESEARCH PROBLEMS	02.0 TO 06.0 CR	
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

German (GER)			
126A	GERMAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 126		
1	08.00 TH	WHLR 212	
2	08.00 T	WHAM 231	
3	09.00 TH	WHAM 208	
4	10.00 T	WHAM 202	
5	11.00 TH	AG 188	
6	12.00 TH	WHLR 212	
7	01.00 TH	H EC 206	
8	01.00 TH	WHAM 228	
9	02.00 T	0720 118	
10	03.00 T	H EC 202	
11	04.00 TH	WHLR 203	
12	05.00 W	WHLR 107	
13	06.00 PM TH	H EC 122	
14	06.00 PM T	WHLR 113	
15	06.00 PM TH	WHLR 113	
126B	GERMAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 126		
1	12.00 F	WHLR 113	
2	04.00 TH	H EC 202	
126C	GERMAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT ENRLMT IN GSD 126		
1	09.00 TH	H EC 201	
161A	GER FOR GRAD STUD	00.0 CR	
1	02.00 M W	WHAM 212	
	02.00 T F	WHLR 214	
161B	GER FOR GRAD STUD	00.0 CR	
1	02.00 TW F	AG 224	
	02.00 M	AG 222	
201A	INTERMEDIATE GERMAN	03.0 CR	
	PREREQ GSD 126-9 OR GSD 126C OR EQUIVALENT		
1	09.00 M W F	WHLR 212	
	09.00 T	0720 121	
2	11.00 W	WHAM 201	
	11.00 M	H EC 122A	
	11.00 TH	0720 121	



	11.00		F	WHAM	206	
3	01.00		TW F	WHLR	212	
	01.00		M	0720	121	
4	02.00		M W F	LS II	130	
	02.00		T	0720	121	
5	03.00		TW F	PARK	111	
	03.00		M	0720	121	
201C	INTERMEDIATE GERMAN				03.0 CR	
	PREREQ GER 201B					
1	12.00		M W	WHLR	203	
	12.00		F	GYM	204	
	12.00		TH	0720	121	
220A	INTER GER CONVERSAT				02.0 CR	
	PREREQ GER 201C OR CONCURRENT					
	REGISTRATION IN 201					
1	09.00		T	WHAM	326	
	09.00		TH	H EC	120	
2	11.00		T TH	WHLR	212	
3	01.00		T TH	WHLR	214	
4	02.00		T TH	WHLR	113	
5	03.00		T TH	WHAM	231	
301A	SUR GER LIT TO 1800				04.0 CR	
1	09.00		T TH	WHLR	203	
	09.00		M F	WHAM	301B	
304A	ADV COMP & CONVERS				04.0 CR	
	PREREQ GER 201C					
1	10.00		W F	0862	102	
	10.00		M	TECH B	20	
	10.00		TH	TECH A	120	
310A	INTRO TO GERMAN LIT				04.0 CR	
	PREREQ GER 201C					
1	11.00		MT TH	WHLR	207	
	11.00		F	WHAM	208	
406	THE GERMAN COMEDY				03.0 CR	
1	02.00		M W F	WHAM	305	LIEDLOFF
413A	GERMAN LINGUISTICS				03.0 CR	
1	10.00		M W F	WHLR	207	FRENCH
497	READG 18TH CT LIT				01.0 TO 02.0 CR	
1	TO BE ARRANGED					HARTWIG
512	19TH CENTURY NOVEL				03.0 CR	
1	09.00		M W F	PULL	37	
536A	TEACH COLLEGE GER				01.0 CR	
1	10.00		T	WHLR	203	PFISTER GUENTER G
543	RESEARCH PROBLEMS				02.0 TO 06.0 CR	
1	TO BE ARRANGED					
599	THESIS				02.0 TO 09.0 CR	
1	TO BE ARRANGED					

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

#### Greek (GRK)

201A	INTERMEDIATE GREEK				03.0 CR	
	PREREQ GSD 130C					
1	TO BE ARRANGED					O'BRIEN
315	READINGS-GRK AUTHOR				02.0 TO 08.0 CR	
	PREREQ BY PERMISSION ONLY					
1	TO BE ARRANGED					

#### Italian (ITAL)

144A	ITALIAN CONVERSAT				01.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN					
	GSD 144A					
1	09.00		T	WHLR	107	
2	01.00		W	CL	25	
201A	INTERMEDIATE ITAL				03.0 CR	
	PREREQ GSD 144C OR EQUIVALENT					
1	02.00		M	AG	148	
	02.00		T	WHAM	326	
	02.00		W	0720	121	
	02.00		F	WHAM	212	

Latin (LATN)							
201A	INTERMEDIATE LATIN			04.0	CR		
	PREREQ	GSD 133C	OR EQUIVALENT				
1	11.00		MT F	WHAM	231	SPECK CHARLES W	
	11.00		TH	LS II	130		
315	READ-LATN AUTHORS		02.0	TO 08.0	CR		
1	10.00		W F	TECH 8	20	SPECK CHARLES W	
342	ADV COMPOSITION			04.0	CR		
1	09.00		MTWTH	WHAM	231	SPECK	
Russian (RUSS)							
136A	RUSS CONVERSATION			01.0	CR		
	PREREQ	CONCURRENT ENROLLMENT IN					
		GSD 136A					
1	10.00		TH	ABBOTT	129		
2	11.00		TH	WHAM	231		
3	02.00		TH	WHLR	207		
4	06.00	PM		H EC	122A		
136C	RUSS CONVERSATION			01.0	CR		
	PREREQ	CONCURRENT ENROLLMENT IN					
		GSD 136C					
1	01.00		TH	TECH A	310	MARTIN	
201A	INTERMED RUSSIAN			03.0	CR		
1	09.00		MT F	WHLR	214	ORECHWA OLGA	
	09.00		W	0720	121		
2	04.00		M W F	WHAM	329		
	04.00		TH	0720	121		
201C	INTERMED RUSSIAN			03.0	CR		
	PREREQ	RUSS 201B					
1	08.00		M W F	NKRS A	278		
	08.00		TH	0720	121		
220A	INTER RUSS CONVER			02.0	CR		
	PREREQ	RUSS 201 OR CONCURRENT					
		REGISTRATION					
1	01.00		T TH	WHAM	301A	ORECHWA OLGA	
308A	SURV RUSS LIT			03.0	CR		
	PREREQ	RUSS 201C					
1	10.00		M W F	TECH A	122	KUPCEK	
330A	ADV COMP AND CONV			02.0	CR		
	PREREQ	CONCURRENT ENROLLMENT IN RUSS					
		308A					
1	10.00		T TH	AG	220	KUPCEK	
412	RUSSIAN REALISM			04.0	CR		
	PREREQ	RUSS 308C OR DEPT APPROVAL					
1	02.00		M	WHAM	301A	SHANKOVSKY IGOR P	
	02.00		T	H EC	120		
	02.00		W F	WHAM	231		
509	RUS LIT THRU 17 CEN			03.0	CR		
1	TO BE ARRANGED					SHANKOVSKY	
514A	HISTORY - RUSS LANG			02.0	CR		
1	11.00		T TH	WHLR	214		
543	RESEARCH PROBLEMS		02.0	TO 06.0	CR		
1	TO BE ARRANGED						
599	THESIS		02.0	TO 09.0	CR		
1	TO BE ARRANGED						

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Spanish (SPAN)							
140A	SPAN CONVERSATION			01.0	CR		
	PREREQ	CONCURRENT ENRLMT IN					
		GSD 140					
1	09.00		T	PULL	35		
2	09.00		TH	AG	218		
3	10.00		TH	WHLR	212		
4	11.00		W	AG	148		
5	12.00		TH	WHAM	231		
6	01.00		T	AG	218		
7	02.00		TH	PARK	301		
8	03.00		TH	WHLR	212		

9	04.00		T	WHLR	203	
10	06.00	PM	M	WHLR	107	
140B	SPAN CONVERSATION			01.0 CR		
	PREREQ	CONCURRENT	ENRLMT	IN GSD	140	
1	11.00		M	FELTS	130	
140C	SPAN CONVERSATION			01.0 CR		
	PREREQ	CONCURRENT	ENRLMT	IN GSD	140	
1	11.00		W	PULL	39	
161A	SPAN FOR GRAD STUD			00.0 CR		
1	01.00		M W	PULL	41	
	01.00		T	H EC	118	
	01.00		TH	WARREN	129	
161B	SPAN FOR GRAD STUD			00.0 CR		
1	01.00		M	PULL	35	
	01.00		W	PARK	301	
	01.00		T TH	TECH A	308	
201A	INTERMED	SPANISH		03.0 CR		
	PREREQ	GSD 140 OR 2 YRS H.S.	SPAN OR EQUIV			
1	08.00		M W F	WHLR	113	
	08.00		T	0720	121	
2	09.00		M W F	PARK	301	
	09.00		TH	0720	121	
3	09.00		M W	ARENA	123	
	09.00		TH	WARREN	129	
	09.00		F	0720	121	
4	10.00		TH	WHLR	214	
	10.00		F	0720	121	
	10.00		T	WHLR	212	
	10.00		M	PULL	39	
5	11.00		M W F	WHLR	203	
	11.00		T	0720	121	
6	01.00		M	AG	222	
	01.00		T TH	TECH A	122	
	01.00		F	0720	121	
7	02.00		M W	H EC	104	
	02.00		TH	0720	121	
	02.00		F	H EC	120	
8	03.00		MT TH	WHLR	113	
	03.00		W	0720	121	
201C	INTERMED	SPANISH		03.0 CR		
	PREREQ	SPAN 201B				
1	12.00		T TH	WHLR	107	
	12.00		F	WHLR	203	
	12.00		M	0720	121	
220A	INTER SPAN CONVER			02.0 CR		
	PREREQ	GSD 140 OR 2 YRS H.S.	SPAN OR EQUIV			
1	09.00		M W	WHAM	301A	
2	10.00		T TH	PULL	37	
3	11.00		T TH	WHLR	203	
4	12.00		T TH	WHAM	305	
5	01.00		T TH	WHAM	301B	
6	02.00		M W	WHAM	319	
305	ADV CONVERSATION			03.0 CR		
	PREREQ	201C, 220C				
1	09.00		M W F	LS II	130	
310A	SURVEY SPANISH LIT			03.0 CR		
	PREREQ	SPAN 201				
1	09.00		MT TH	H EC	104	ARTILES
2	12.00		MT TH	WHAM	301B	
3	02.00		MT TH	WHAM	301B	
320A	ADV GRAM AND COMP			03.0 CR		
	PREREQ	201C OR EQUIV				
1	08.00		M W F	WHAM	307	
2	10.00		M W F	WHLR	203	
3	01.00		M W F	WHLR	203	
4	03.00		M	WHAM	301B	
	03.00		W F	WHLR	113	

320B	ADV GRAM AND COMP			03.0	CR	
	PREREQ	SPAN 320A				
1	02.00		M W F	WHAM	303	
333A	SURV SPAN AMER LIT			03.0	CR	
	PREREQ	SPAN 201C				
1	10.00		W F	WHLR	212	MEINHARDT WARREN L
	10.00		M	H EC	122A	
2	01.00		M W F	WHAM	212	MEINHARDT
404A	SP LIT 20TH CENT			03.0	CR	
1	10.00		MT TH	WHLR	113	ARTILES JENARO J
426	MEXICAN SHORT STORY			03.0	CR	
1	11.00		M W F	PARK	309	MEINHARDT WARREN
475	GEN TOPICS IN SPAN			03.0	TO 12.0	CR
1	01.00		M W F	WHAM	305	WOODBIDGE
490	READINGS IN SPAN			01.0	TO 06.0	CR
	PREREQ	PERMISSION OF DEPT				
1	TO BE ARRANGED					
500	SEMINAR LAT AM FICT			02.0	TO 06.0	CR
1	02.00		T TH	WHLR	212	WOODBIDGE HENSLEY C
501	SEMINAR SP AUTHOR			02.0	TO 06.0	CR
1	11.00		T TH	CL	25	ANDERSON VERNON L
520	SEMINAR IN SYNTAX			03.0	CR	
1	09.00		M WTHF	CL	326	CANFIELD
525	SPANISH BALLADS			03.0	CR	
1	02.00		M W F	WHLR	203	
543	RESEARCH PROBLEMS			02.0	TO 06.0	CR
1	TO BE ARRANGED					
575	ADV TOPICS IN SPAN			03.0	TO 12.0	CR
1	06.00-07.25 PM		M W	H EC	118	CANFIELD
599	THESIS			02.0	TO 09.0	CR
1	TO BE ARRANGED					

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

#### Family Economics and Management

(FE & M)

300	HOME EC FOR MEN			03.0	CR	
1	11.00		M W	H EC	140B	HEISLER ARLENE
	11.00		F	H EC	118	
2	11.00		M W	H EC	140B	HEISLER ARLENE
	11.00		TH	H EC	118	
3	11.00		M W	H EC	140B	HEISLER ARLENE
	12.00		TH	H EC	118	
4	11.00		M W	H EC	140B	HEISLER ARLENE
	12.00		F	H EC	203	
5	03.00		T THF	H EC	118	MALONE THELMA
6	06.00-07.25 PM		T TH	H EC	118	
301	H ARTS & SOC USAGE			03.0	CR	
1	01.00		MT TH	H EC	120	
2	02.00		M W F	H EC	5	
323	HOUSING			02.0	CR	
1	10.00		T	H EC	5	
	09.00-10.50		TH	H EC	5	
2	10.00		T	H EC	5	
	01.00-02.50		TH	H EC	5	
331	MGT FAMILY RES			03.0	CR	
1	11.00		T TH	H EC	140B	CRAIG KAREN E
	11.00		F	H EC	5	
2	11.00		T TH	H EC	140B	CRAIG KAREN E
	03.00		F	H EC	5	
3	11.00		T TH	H EC	140B	CRAIG KAREN E
	01.00		TH	H EC	106	
332	HOME MGT PRACTICUM			04.0	CR	
	PREREQ	227, 331				
1	08.00-09.50		T TH	H EC	400	HEISLER ARLENE
2	12.00-01.50		M W	H EC	400	MALONE THELMA JEAN
340	CONSUMERS & MARKET			03.0	CR	
1	09.00		M W F	H EC	120	
2	10.00		M W F	H EC	5	

471	FIELD EXPERIENCE	02.0 TO 06.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				JOHNSTON
481	READINGS	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR & CHAIRMAN				
1	TO BE ARRANGED				CRAIG & JOHNSTON
500	RESEARCH METHODS	04.0 CR			
	PREREQ GUID 505				
1	06.30-09.00 PM TH	H EC 400			JOHNSTON BETTY JANE
540	CONSUMER PROBLEMS	04.0 CR			
	PREREQ 341 OR EQUIV				
1	06.30-09.00 PM M	H EC 400			
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				

# **Forestry (FOR)**

104	INTRO FORESTRY	03.0 CR			
1	08.00	T TH	LS I 133		ANDRESEN JOHN W
	08.00-10.50	S	AG 187		
221	DENDROLOGY	04.0 CR			
1	08.00	M W F	TECH A 111		HOUSTON
	10.00-11.50	M	AG 188		
2	08.00	M W F	TECH A 111		HOUSTON
	01.00-02.50	M	AG 187		
3	08.00	M W F	TECH A 111		HOUSTON
	01.00-02.50	W	AG 187		
4	08.00	M W F	TECH A 111		HOUSTON
	08.00-09.50	TH	AG 187		
320	WOOD TECHNOLOGY	04.0 CR			
	PREREQ GSA 201C				
1	02.00	T TH	PULL 34		MOSLEMI
	10.00-11.50	M W	AG 187		
2	02.00	T TH	PULL 34		MOSLEMI
	03.00-04.50	M W	AG 187		
330	HARV FOREST PRODUCT	02.0 CR			
1	09.00	W F	AG 166		MOSLEMI
369	FOR PHOTOGRAMMETRY	03.0 CR			
1	09.00-10.50	T TH	AG 216		KUNG FAN HAO
	10.00	W	PULL 34		
2	03.00-04.50	M W	AG 216		KUNG FAN HAO
	10.00	W	PULL 34		
381	AGRI SEMINAR	01.0 TO 02.0 CR			
	PREREQ LIMITED TO SENIOR STANDING				
1	04.00	T	AG 225		
	CROSSLISTED WITH AG I AN I PL I 381				
390	SPEC PROB IN FOREST	01.0 TO 06.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
	RESTRICTION CONSENT OF DEPT				
391	HONORS IN FORESTRY	01.0 TO 06.0 CR			
	PREREQ JR STAND, 4.0 GPA & 4.25 IN MAJ & CONSENT OF DEPT CHM				
1	TO BE ARRANGED				
440	GRASSLAND ECOLOGY	04.0 CR			
	PREREQ GSA 340 OR CONSENT OF INSTR				
1	08.00	W F	AG 188		
	TO BE ARRANGED				
	CROSSLISTED WITH BOT 440				
450	FOREST & PARK MGT	04.0 CR			
	PREREQ FOR 350A&B				
1	01.00	MTWTH	AG 168		CAJUCOM
2	07.30-09.30 PM	M W	AG 168		
460	FOR PARK FIELD STUD	03.0 CR			
	PREREQ FOR 350A				
1	TO BE ARRANGED				CAJUCOM
466	WATERSHED MGT	03.0 CR			
	PREREQ FOR 301, GSA 330 OR CONSENT OF INSTRUCTOR				
1	08.00	T TH	AG 166		BUDELSKY CARL A
	08.00-09.50	M	AG 187		



2	08.00	T TH	AG	166	BUDELSKY
	02.00-03.50	T	AG	187	
3	08.00	T TH	AG	166	BUDELSKY
	10.00-11.50	M	AG	190	
470A	ECON OF FORESTRY			04.0	CR
	PREREQ GSB 211A				
1	12.00	M W F	AG	166	FERELL RAYMOND S
	11.00	T	AG	166	
2	12.00	M W F	AG	166	FERELL
	12.00	T	AG	166	
3	12.00	M W F	AG	166	FERELL
	11.00	TH	AG	166	
4	12.00	M W F	AG	166	FERELL
	12.00	TH	AG	166	
490	PRACTICUM			04.0 TO 16.0	CR
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
520A	READ FOR & FOR REC			01.0 TO 06.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
520B	READINGS RES ECON			01.0 TO 06.0	CR
	PREREQ CONSENT OF INSTR PLUS FOR 475				
	OR EQUIV				
1	TO BE ARRANGED				
520C	READ FOR PRO WD SCI			01.0 TO 06.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				MOSLEMI ALI A
570	PRIN OF RESEARCH			04.0	CR
	PREREQ 4 HRS STATISTICAL METHODS OR				
	CONSENT OF INSTR				
1	TO BE ARRANGED				FERELL RAYMOND S
575	RESEARCH			01.0 TO 06.0	CR
1	TO BE ARRANGED				
581	ADVANCED FOR SEMIN			01.0 TO 06.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
599	THESIS			01.0 TO 09.0	CR
1	TO BE ARRANGED				

### Geography (GEOG)

300	INTRO TO GEOG			04.0	CR
1	09.00-10.50	T TH	LAWSON	131	
302	PHYSICAL GEOGRAPHY			04.0	CR
	PREREQ GEOG 300				
1	02.00	MTW	AG	154	
	02.00	TH	AG	220	
304	ECONOMIC GEOGRAPHY			04.0	CR
	PREREQ GEOG 300				
1	03.00-04.50	M W	AG	154	
306	CULTURAL GEOGRAPHY			04.0	CR
	PREREQ GEOG 300				
1	10.00	MTW	AG	154	
	10.00	TH	WHAM	307	
310A	CARTOGRAPH METHODS			04.0	CR
	PREREQ GEOG 300				
1	03.00-04.50	T TH	0431	101	
405A	ADV ECON GEOG II			04.0	CR
	PREREQ GEOG 304 OR CONSENT OF DEPT				
1	03.00-04.50	T TH	0483	101	
407A	ADV CULT GEOG II			04.0	CR
	PREREQ GEOG 306 OR CONSENT OF DEPT				
1	08.00	MTWTH	0483	101	
416A	ADV CARTOGRAPHY			04.0	CR
	PREREQ GEOG 310				
1	10.00-11.50	M W	0431	101	
421A	URBAN GEOGRAPHY			04.0	CR
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	T TH	0483	101	
424	REG PROB IN RES MGT			04.0	CR
1	01.00-02.50	M W	0483	101	

430	TH OF ENVIRONMENT	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	10.00 MTWTH	0843	101 CORTES
432A	ENERGY EXCHANGE-ENV	04.0 CR	
	PREREQ GEOG 400 OR 302 OR CONSENT		
1	12.00 MTWTH	0483	101
440	READINGS-MAJORS	02.0 TO 06.0 CR	
	PREREQ MAJORS ONLY		
1	TO BE ARRANGED		
443	TEACHING OF GEOG	04.0 CR	
	PREREQ GEOG 300		
1	09.00 MTWTH	0483	102
467A	REG GEOG-LATIN AMER	04.0 CR	
1	01.00 MTW	AG	154
	01.00 TH	AG	152
487A	HONORS TUTORIAL	02.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
487B	HONORS READING	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
487C	HONORS SUPERV RES	04.0 CR	
	PREREQ 487A OR B AND CONSENT OF DEPT		
1	TO BE ARRANGED		
490A	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
	PREREQ GEOG MAJOR AND SENIOR STANDING		
1	09.00-10.50 F	0483	102
490B	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
	PREREQ GEOG MAJOR AND SENIOR STANDING		
1	10.00-11.50 F	0486	201
490C	TUTORIAL IN GEOG	01.0 TO 04.0 CR	
	PREREQ GEOG MAJOR AND SENIOR STANDING		
1	12.00-01.50 F	0483	101
505A	PRO-SEMINAR IN GEOG	02.0 CR	
	PREREQ GRAD STANDING		
1	11.00 T	0483	101
505B	PRO-SEMINAR IN GEOG	02.0 CR	
	PREREQ GRAD STANDING		
1	03.00-04.50 M W	0483	102
505C	PRO-SEMINAR IN GEOG	02.0 CR	
	PREREQ GRAD STANDING		
1	03.00-04.50 M W	0483	101
515	FIELD COURSE	04.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
1	TO BE ARRANGED		
521	SEM-ECON GEOG	02.0 TO 12.0 CR	
1	06.00-09.00 PM T	0483	102
530	INDEP STUDY GEOG	02.0 TO 10.0 CR	
1	TO BE ARRANGED		
540A	RESEARCH PHYS GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 520		
1	TO BE ARRANGED		
540B	RESEARCH-ECON GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 521		
1	TO BE ARRANGED		
540C	RESEARCH REG GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 522		
1	TO BE ARRANGED		
540D	RESEARCH CULT GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 524		
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		

## Geology (GEOL)

220	PHYSICAL GEOLOGY				03.0 CR	
	PREREQ	HIGH SCHOOL OR COLLEGE CHEM				
1	11.00	M F	PARK	111	SAWATZKY DON L	
	09.00-11.50	W	PARK	205		
2	11.00	M F	PARK	111	SAWATZKY DON L	
	01.00-03.50	W	PARK	205		
310A	MINERALOGY I			04.0 CR		
	PREREQ	220, CHEM 111B OR CONCURRENT ENROLLMENT				
1	09.00	M W F	PARK	103	HOOD WILLIAM C	
	02.00-03.50	M	PARK	103		
400	EARTH SCIENCE SEM			03.0 CR		
	PREREQ	GSA 110B, GSA 330 OR 331, GEOL 221 OR 331				
1	06.30-08.00 PM	T TH	PARK	108	HARRIS & FRANK	
415	OPTICAL MINERALOGY			03.0 CR		
	PREREQ	GEOL 310, PHYS 208				
1	08.00-09.50	M W F	COMM	10	FANG & ROBINSON	
420A	GEOL OF PETROLEUM			04.0 CR		
	PREREQ	GEOL 221, 302				
1	01.00	M F	PARK	205	BELL FRANK J	
	12.00-03.50	W	PARK	112	BELL FRANK J	
425A	INVERT-PALEONTOLOGY			04.0 CR		
	PREREQ	GEOL 221 OR GSA 201				
1	10.00	MT TH	PARK	301	UTGAARD JOHN EDWARD	
	01.00-03.50	TH	PARK	107		
435A	HYDROGEOLOGY			04.0 CR		
1	11.00	M W F	PARK	115	DAVIS RICHARD W	
	01.00-03.50	T	PARK	115		
440	INDEPENDENT STUDY			01.0 TO 04.0 CR		
	PREREQ	GEOL 220, 221, ADVANCED STANDING				
1	TO BE ARRANGED					
470A	EARTH SCI FOR TEACH			03.0 CR		
	PREREQ	TEACHING EXPERIENCE				
1	06.00-08.30 PM	M	PARK	206	HARRIS	
484	PALYNOLOGY			04.0 CR		
	PREREQ	GEOL 220, 221 OR CONSENT OF IN STR				
1	11.00	T TH	PARK	108	COHEN	
	10.00	W	PARK	108		
	02.00-04.50	F	PARK	108		
510A	SEDIMENT - STRAT			04.0 CR		
	PREREQ	GEOL 410				
1	09.00	T TH	PARK	301	ETHRIDGE FRANK G	
	10.00	F	PARK	301		
	02.00-04.50	M	PARK	301		
515B	MIN DEP--METALLICS			04.0 CR		
	PREREQ	GEOL 302, 310				
1	TO BE ARRANGED				HOOD WILLIAM C	
528A	MICROPALAEONTOLOGY			03.0 CR		
	PREREQ	425 OR CONSENT OF INSTR				
1	TO BE ARRANGED				FRAUNFETTER	
540	ADVANCED STUDIES			01.0 TO 09.0 CR		
	PREREQ	CONSENT				
1	TO BE ARRANGED					
541	TOPIC-PHYSICAL GEOLOGY RESEARCH			01.0 TO 09.0 CR		
	PREREQ	CONSENT				
1	TO BE ARRANGED					
582	ADV COAL PETROLOGY			03.0 CR		
	PREREQ	GEOL 482				
1	TO BE ARRANGED				DUTCHER	
599	THESIS			02.0 TO 09.0 CR		
1	TO BE ARRANGED					

## Government (GOVT)

200	INTR TO POL SCIENCE			04.0 CR	
1	02.00	MT THF	WHAM	112	
231	AMERICAN NATL GOVT			04.0 CR	
1	08.00	TWTHF	WHAM	201	

2	01.00	MT THF	WHAM	201	
3	04.00	MTWTH	WHAM	112	JUNZ
232	STATE LOCAL GOVT		04.0	CR	
	PREREQ	231 OR GSB 2118			
1	11.00	MTW F	LAWSON	231	ALEXANDER ORVILLE
2	01.00	M WTHF	WHAM	112	RIDGEWAY
3	02.00	MT THF	WHAM	201	LONG
4	03.00	MTWTH	WHAM	203	ISAKOFF
305	DEV AM CONSTITUTION		04.0	CR	
	PREREQ	GSB 2118 OR GOVT 231			
1	09.00	MTWTH	WHAM	112	TURNER MAX WESLEY
310	POLITY & ECONOMY		04.0	CR	
	PREREQ	2118 OR 231			
1	11.00	M W F	H EC	208	GOODSELL CHARLES T
	11.00	T	H EC	118	
315	ADMIN OF JUSTICE		03.0	CR	
	PREREQ	GOVT 232 OR GSB 2118			
1	09.00	M W F	LAWSON	231	ALEXANDER ORVILLE
321	READINGS		01.0 TO 06.0	CR	
	PREREQ	APPROVAL OF GOVT DEPT UNDER-GRAD ADVISOR			
1	TO BE ARRANGED				SAPPENFIELD
2	TO BE ARRANGED				SAPPENFIELD
330	ILL GOVERNMENT		02.0	CR	
	PREREQ	231 OR GSB 2118 OR JR STANDING			
1	02.00	T TH	H EC	206	BIANCHI RINO
340	THE LEGIS PROCESS		03.0	CR	
	PREREQ	231 OR GSB 2118			
1	11.00	M W F	H EC	201	VAN DER SLIK JACK
360	PUBLIC ADMIN		04.0	CR	
	PREREQ	GSB 2118 OR GOVT 231			
1	08.00	MTWTH	WHAM	112	SAPPENFIELD M M
2	11.00	MTWTH	WHAM	202	TURNER MAX WESLEY
371	PRBLMS IN AM FGN PL		03.0	CR	
	PREREQ	GSB 345			
1	12.00	M WTHF	WHAM	201	LANDECKER
380	POLITICAL PARTIES		04.0	CR	
	PREREQ	231 OR GSB 2118			
1	10.00	MT THF	WHAM	201	JACKSON
2	12.00	MT THF	WHAM	112	LONG
398	GOVERNMENT AND LAW		04.0	CR	
	PREREQ	231 OR GSB 2118			
1	01.00	MTWTH	WHAM	202	ISAKOFF
403	INTRO-TH INTNTL REL		04.0	CR	
	PREREQ	GSB 303 OR GRAD STANDING			
1	01.00-02.50	T	AG	150	LEVINE
	01.00-02.50	TH	AG	188	
450A	LATIN-AMERICAN GOVT		04.0	CR	
	PREREQ	GSB 392 RECOMMENDED			
1	03.00	MT THF	WHAM	201	
453A	GOVT POL-SOV UNION		04.0	CR	
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	09.00	MT THF	WHAM	201	STAUBER
457A	GOVT NEAR MID EAST		04.0	CR	
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	09.00	TWTHF	WHAM	303	HANSON EARL T
459	POL-DEVELOPING AREA		04.0	CR	
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	12.00	MT THF	WHAM	321	HARDENBERGH WILLIA
463	GOVT SOC & ECON POL		03.0	CR	
	PREREQ	231 OR GSB 2118			
1	03.00	M	LS II	250	RIDGEWAY MARIAN E
	03.00	W F	LS II	146	
467	URBAN POLITICS		04.0	CR	
	PREREQ	GOVT 232			
1	10.00	MT THF	WHAM	112	BAKER JOHN H
472	INTERNATIONAL ORGAN		04.0	CR	
	PREREQ	GSB 303			
1	11.00	MTWTH	WHAM	328	ABBASS ABDUL MAJID



475A	INTERNATIONAL LAW	04.0 CR		
	PREREQ GSB 303 OR CONSENT OF INSTR			
1	08.00 MTWTH CL	326	JACOBINI H B	
477	GOVT & POL VIET NAM	04.0 CR		
1	02.00 M W WHAM	321	TURLEY	
	02.00 T TH LS II	450		
488A	REC POLIT THEORY	03.0 CR		
	PREREQ SR OR GRAD STANDING, OR CON-			
	SENT OF INSTR			
1	07.00-09.30 PM T LS II	250	PAINE	
490	HONORS RESEARCH	02.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED		SAPPENFIELD	
495A	CONSTITUTIONAL LAW	04.0 CR		
	PREREQ 231 OR GSB 211B			
1	11.00 MT THF WHAM	201	NELSON RANDALL H	
496	SR SEM POLIT BEH	04.0 CR		
1	01.00-02.50 M W PULL	37	PAINE	
500A	METH EMPIRICAL RES	03.0 CR		
	PREREQ GOVT 499 OR CONSENT OF INSTR			
1	07.35-09.00 PM M W WOODY	1014	MILLER	
505	SEM IN POL PARTIES	04.0 CR		
	PREREQ BASIC COURSES, RELATED TRNG OR			
	CONSENT OF INSTR			
1	01.00-02.50 T TH WOODY	1014	JACKSON	
511	SEMINAR-LOCAL GOVT	04.0 CR		
	PREREQ GOVT 467 OR CONSENT OF INSTR			
1	03.00-04.50 T TH WOODY	1014		
515	SEM-COMPARATIVE GOV	02.0 TO 09.0 CR		
	PREREQ BASIC COURSES, RELATED TRNG OR			
	CONSENT OF INSTR			
1	07.35-09.15 PM T TH WOODY	1014	MORRIS	
517	SEM PROB POL THEORY	02.0 TO 09.0 CR		
	PREREQ 484 OR 488 OR CONSENT OF INSTR			
1	01.00-02.50 M W WOODY	1014	STAUBER	
520	SEM AMER FOR POLICY	04.0 CR		
	PREREQ BASIC COURSES, RELATED TRNG OR			
	CONSENT OF INSTR			
1	10.00-11.50 T TH WOODY	1014	KLINGBERG FRANK L	
521	READINGS	01.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		HANSON	
2	TO BE ARRANGED		HANSON	
530	INTERNSP PUB AFF	04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPARTMENT			
1	TO BE ARRANGED		SAPPENFIELD M M	
582	LAW AND CORRECTIONS	04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	07.35-09.15 PM T TH 0685	1A	DREHER ROBERT H	
595	INDIVIDUAL RESEARCH	02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED		HANSON	
599	THESIS	01.0 TO 09.0 CR		
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED		HANSON	
600	DISSERTATION	01.0 TO 48.0 CR		
	PREREQ MIN OF 36 HRS TO BE EARNED FOR			
	DOC OF PHIL DEGREE			
1	TO BE ARRANGED		HANSON	

### Guidance and Educational Psychology (GUID)

305	EDUC PSYCHOLOGY	04.0 CR		
	PREREQ GSB 201C & ADMISSION TO TEACHE			
	R ED PROGRAM			
1	10.00 T	PARK	124	
	10.00 W	LAWSON	151	
	10.00 TH	0861	101	
	10.00 F	0875	101	
2	10.00 T	PARK	124	
	10.00 W	LAWSON	151	



	10.00	TH	0720	107
	10.00	F	H EC	118
3	10.00	T	PARK	124
	10.00	W	LAWSON	151
	10.00	TH	TECH A	420
	10.00	F	0861	102
4	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	THF	H EC	206
5	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	THF	WHAM	321
6	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	TH	WHAM	208
	08.00	F	WHAM	210
7	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	TH	WHAM	317
	08.00	F	WHAM	228
8	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	TH	WHAM	319
	08.00	F	WHAM	112
9	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	THF	COMM	1006
10	10.00	T	PARK	124
	10.00	W	LAWSON	151
	08.00	THF	LS II	146
11	12.00	TW	LAWSON	141
	12.00	THF	PULL	37
12	12.00	TW	LAWSON	141
	12.00	THF	PULL	39
13	12.00	TW	LAWSON	141
	12.00	THF	AG	116
14	12.00	TW	LAWSON	141
	12.00	THF	PIERCE	130
15	12.00	TW	LAWSON	141
	12.00	THF	ABBOTT	129
16	12.00	TW	LAWSON	141
	12.00	THF	LS II	350
17	12.00	TW	LAWSON	141
	12.00	THF	LS II	450
18	12.00	TW	LAWSON	141
	12.00	THF	NKRS A	160
19	12.00	TW	LAWSON	141
	12.00	THF	0861	102
20	12.00	TW	LAWSON	141
	12.00	THF	0862	102
21	04.00	TW	LAWSON	151
	04.00	THF	PARK	204
22	04.00	TW	LAWSON	151
	04.00	THF	GYM	203
23	04.00	TW	LAWSON	151
	04.00	THF	LS I	16
24	04.00	TW	LAWSON	151
	04.00	THF	PULL	39
25	04.00	TW	LAWSON	151
	04.00	THF	AG	150
26	04.00	TW	LAWSON	151
	04.00	THF	AG	170
27	04.00	TW	LAWSON	151
	04.00	THF	BAILEY	130
28	04.00	TW	LAWSON	151
	04.00	THF	BROWN	130
29	04.00	TW	LAWSON	151
	04.00	THF	ABBOTT	129
30	04.00	TW	LAWSON	151
	04.00	THF	H EC	118

412	MENTAL HYGIENE			04.0 CR	
	PREREQ	GUID 305			
1	02.00-03.50	T TH	WHAM	317	
2	06.00-09.00 PM	W	WHAM	302	YATES J W
422A	CONST-USE EVAL INST			04.0 CR	
	PREREQ	GUID 305			
1	09.00	TWTHF	WHAM	212	
2	11.00	MTWTH	WHAM	228	DENZEL HARRY
3	12.00	MTWTH	WHAM	203	
4	04.00	MTWTH	WHAM	205	
5	06.00-09.00 PM	W	WHAM	202	
442	BASIC PRIN OF GUID			04.0 CR	
	PREREQ	GUID 305			
1	03.00-04.50	M W	LAWSON	221	BRADLEY
481	SEMINAR		02.0 TO 12.0 CR		
	PREREQ	GUID 305 AND CONSENT OF INSTRUCTOR & DEPT			
1	TO BE ARRANGED				
501	SPEC RESEARCH PROB		02.0 TO 12.0 CR		
	PREREQ	ADVANCED STANDING & CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				
505	INTR TO STAT METH			04.0 CR	
1	08.00-09.50	T F	LAWSON	121	BRACHT
2	08.00-09.50	M	WHAM	303	
	08.00-09.50	W	WHAM	329	
3	09.00-10.50	M W	WHAM	202	
4	01.00-02.50	T TH	WHAM	303	
5	06.00-09.00 PM	T	WHAM	317	
6	06.00-09.00 PM	TH	H EC	202	
506	ADV STATISTICAL MET			04.0 CR	
	PREREQ	GUID 505			
1	08.00-09.50	M W	WHAM	208	
2	09.00-10.50	M W	LAWSON	201	BRACHT
3	01.00-02.50	T TH	PULL	41	
507	DES & ANAL OF EXPER			04.0 CR	
	PREREQ	GUID 506			
1	09.00-10.50	T TH	WHAM	329	
515	PSY ASPECTS OF ED			04.0 CR	
	PREREQ	ADVANCED STANDING			
1	04.00-05.50	M TH	WHAM	321	WILLIAMS REED G
521A	ANAL-CLASSRM BEHAV			04.0 CR	
	PREREQ	GUID 305			
1	07.00-09.00 PM	M W	LAWSON	121	SULZER BETH W
530	STANDARDIZED TEST			04.0 CR	
	PREREQ	GUID 505			
1	03.00-04.50	T TH	WHAM	305	ALTEKRUSE MICHAEL
532A	INDIV MEAS THEORY			04.0 CR	
	PREREQ	GUID 505 AND CONSENT OF INSTR			
1	06.00-09.00 PM	TH	WHAM	301A	DALY
532B	INDIV MEAS APPRAIS			04.0 CR	
	PREREQ	GUID 532A			
1	06.00-09.00 PM	M	WHAM	321	AMBLE
537A	COUNSEL THEOR--PRAC			04.0 CR	
	PREREQ	CONSENT OF DEPARTMENT			
1	06.00-09.00 PM	W	WHAM	321	ALTEKRUSE MICHAEL
545M	SEM-PSYC FOUND - ED			04.0 CR	
1	10.00-11.50	M W	LS II	146	CODY JOHN J
548A	PRACT IN SEC GUID			02.0 TO 04.0 CR	
	PREREQ	GUID 537 AND CONSENT OF INSTR			
1	10.00-11.50	M F	WHAM	303	GRAFF ROBERT W
2	06.00-09.00 PM	T	WHAM	231	
548B	PRACT IN ELEM GUID			02.0 TO 04.0 CR	
	PREREQ	GUID 537 AND CONSENT OF INSTR			
1	04.00-05.50	T TH	WHAM	231	
548D	PRAC IN SCHOOL PSYC			02.0 TO 08.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				
555	SEM IN SCHOOL PSYC			02.0 TO 12.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				

562A	HUM DEV IN ED-CHILD	04.0 CR		
	PREREQ ADVANCED STANDING			
1	01.00-02.50 M W WHAM	328	DEICHMAN JOHN	
567	TOP SEM-EDUC PSYC	02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTRUCTOR			
1	01.00-03.50 T TH WHAM	212	WILLIAMS REED	
580	TOP SEM-STAT & MEAS	02.0 TO 12.0 CR		
	PREREQ INSTRUCTORS PERMISSION			
1	01.00-02.50 M W WHAM	317	MCNEIL KEITH	
581	PRACT-COUNS & GUID	01.0 TO 12.0 CR		
	PREREQ GUID 548C			
1	TO BE ARRANGED		YATES	
590	SEM - BEHAV FOUNDAT	02.0 CR		
	PREREQ FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES			
1	10.00-11.50 W WHAM	3018		
596	INDEP INVESTIGATION	02.0 TO 12.0 CR		
	PREREQ INSTRUCTORS PERMISSION			
1	TO BE ARRANGED			
597	INDEPENDENT STUDY	01.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPARTMENT			
1	TO BE ARRANGED			
599	THESIS	03.0 TO 09.0 CR		
1	01.00-05.50 F WHAM	223		
600	DISSERTATION	01.0 TO 48.0 CR		
1	08.00-12.00 S WHAM	223		

#### Health Education (HED)

301	H ED CONCEPTS ADV	04.0 CR		
	PREREQ .			
1	09.00 MTWTH ARENA	121	VINCENT RAYMOND J	
302S	DRIVER-TRAFF SAFETY	04.0 CR		
	PREREQ A VALID DRIVERS LICENSE			
1	08.00 MTWTH L-APS	136	AARON	
305	PRIN-FOUND H ED	04.0 CR		
1	10.00 M WTHF ARENA	121	RUSSELL ROBERT D	
312	EMOTIONAL HEALTH	04.0 CR		
	PREREQ .			
1	11.00 MTWTH ARENA	121		
313S	INTRO SAFETY EDUC	04.0 CR		
	PREREQ .			
1	09.00 MTWTH L-APS	136	DOOLEY AUBREY C	
323S	METH MAT SAFETY EDU	04.0 CR		
	PREREQ .			
1	01.00 MTWTH L-APS	136	RITZEL DALE O	
325	COMM HEALTH PROB	03.0 CR		
	PREREQ .			
1	06.00-09.00 PM T ARENA	121	MILLER	
334S	FIRST AID	04.0 CR		
	PREREQ .			
1	10.00 MTWTH ARENA	119	HARRIS	
2	11.00 M WTHF ARENA	119	BRIDGES	
3	12.00 M WTHF ARENA	119	BRIDGES	
4	05.45-07.25 M W ARENA	119	HARRIS	
350	METH MAT SCH HEALT	04.0 CR		
	PREREQ .			
1	02.00 MTWTH ARENA	119	PHILLIPS FRANCES K	
356	PUBLIC HEALTH II	05.0 CR		
	PREREQ .			
1	TO BE ARRANGED		RICHARDSON	
401	DIS PREVENT & CONTR	03.0 CR		
1	06.30-09.00 PM W ARENA	121		
415S	WKSHOP DR ED TR SAF	03.0 TO 04.0 CR		
	PREREQ H ED 302 OR EQUIV			
1	06.30-09.00 PM TH L-APS	136	AARON JAMES E	
442S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 302S			
1	08.00 MTWTH L-APS	136		
443S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 442S			
1	11.00 MTWTH L-APS	136	AARON JAMES E	

460	SCH HEALTH PROGRAMS		04.0	CR	
	PREREQ .				
1	09.00	MTWTH	ARENA	119	RUSSELL ROBERT D
471	ORG AD SCH HEALTH		04.0	CR	
	PREREQ .				
1	06.30-09.00 PM	W	ARENA	125	LEFEVRE JOHN R
475S	TRAFFIC LAW ENFORCE		04.0	CR	
	PREREQ H ED 433S OR CONSENT OF INSTR				
1	06.30-09.00 PM	TH	L-APS	136	AARON
491	H TCH-SCHOOL & COMM		04.0	CR	
	PREREQ H ED 305,471 OR CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	M	ARENA	121	VINCENT RAYMOND J
500	ORG COM FOR HTH ED		04.0	CR	
1	06.30-09.00 PM	W	ARENA	123	GRISSOM DEWARD K
520	SPEC PROJ-HED & SAF		04.0	TO 06.0	CR
1	TO BE ARRANGED				BOYDSTON DONALD N
525S	ORG-ADMN-SUP-SAF ED		04.0	CR	
1	06.30-09.00 PM	M	L-APS	136	
533A	HUMAN CONSERVATION		04.0	CR	
	PREREQ PERMISSION OF INSTRUCTOR				
1	06.30-09.00 PM	TH	ARENA	119	GRISSOM DEWARD K
590	FIELD INTERNSHIP		04.0	TO 12.0	CR
1	TO BE ARRANGED				GRISSOM DEWARD K
597A	SEM IN HED & SAFETY		01.0	CR	
1	TO BE ARRANGED				BOYDSTON DONALD N
597B	SEM IN HED & SAFETY		01.0	CR	
1	TO BE ARRANGED				BOYDSTON DONALD N
597C	SEM IN HED & SAFETY		01.0	CR	
1	TO BE ARRANGED				BOYDSTON DONALD N
599	THESIS		03.0	TO 09.0	CR
1	TO BE ARRANGED				BOYDSTON DONALD N
600	DISSERTATION		01.0	TO 48.0	CR
	PREREQ MUST MEET MINIMUM REQ OF 36 HRS FOR PH D DEGREE				
1	TO BE ARRANGED				BOYDSTON DONALD N

# **Higher Education (HIED)**

402	PRIN STU PERS GP WK		02.0	CR	
1	06.30-08.00 PM	W	WHAM	201	SPIES
510	HIGHER EDUC IN U S		04.0	CR	
1	04.00-05.50	M W	WHAM	206	HAWLEY JOHN BABCOCK
513	ORGAN & ADMIN-HIED		04.0	CR	
1	01.00-02.50	T	0875	102	DAVIS
	01.00-02.50	F	COMM	2012	
515	COL STUDENT PER WK		04.0	CR	
1	10.00-11.50	T	WHAM	205	GRAHAM JACK
	10.00-11.50	F	WHAM	228	
516	COL STUDENT-CULTURE		04.0	CR	
1	10.00-11.50	T TH	WHAM	303	GRAHAM JACK
518	COLLEGE TEACHING		04.0	CR	
1	06.30-09.30 PM	M	WHAM	202	HAWLEY JOHN
522	READINGS		01.0	TO 12.0	CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
2	TO BE ARRANGED				
3	TO BE ARRANGED				
523A	INTERN-COLL TEACH		01.0	TO 12.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				TOLLE & HAWLEY
523B	INTERN-STUDENT PERS		01.0	TO 12.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				GRAHAM JACK
523C	INTERN-COLLEGE ADM		01.0	TO 12.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				KING JOHN
523D	INTERNSHIP		01.0	TO 12.0	CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				JUNG LOREN B

524	INDIVIDUAL STUDY	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
2	TO BE ARRANGED				
3	TO BE ARRANGED				
535A	ED PRO STUDENT HSG	02.0 CR			
1	03.00-05.00	WHAM 212	W		ZIMMERMAN ELWYN
535B	BUS AD STUDENT HSG	02.0 CR			
1	08.00-09.50	WHAM 301A	TH		CASEBEER ARTHUR L
535E	PROB IN CTR ADMIN	02.0 CR			
1	07.35-09.15 PM	WHAM 205	W		KING JOHN E
545Q	SEMINAR-HISTORY	03.0 CR			
1	07.35-09.15 PM	WHAM 303	T		
545S	SEMINAR-LAW & LEG	03.0 CR			
1	02.00-03.50	WHAM 321	T TH		CASEBEER & HAMMOND
551	CURR DES & POLICY	04.0 CR			
1	09.00-11.50	WHAM 317	S		TOLLE
555	PHILOSOPHY OF HI ED	04.0 CR			
1	06.30-09.15 PM	WHAM 328	T		
565	COMMUNIT-JR COLLEGE	04.0 CR			
1	04.00-05.50	WHAM 329	T TH		TOLLE
589	ADVANCED RESEARCH	04.0 TO 08.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
595	HIED SEMINAR III	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				KING
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ MINIMUM OF 36 HRS TO BE EARNED				
	FOR DOCTOR OF PHIL				
1	TO BE ARRANGED				

# History (HIST)

303	GREAT DEPRESSION-US	03.0 CR			
	PREREQ GSB 211A OR ECON 214 & 215 OR				
	CONSENT OF INSTRUCTOR				
1	10.00	PULL 34	MT TH		CONRAD DAVID
304A	ANC WORLD-NEAR EAST	03.0 CR			
1	02.00	LAWSON 101	M WTH		BREHM DONALD L
308	HISTORY OF ILLINOIS	03.0 CR			
1	09.00	0871 101	T TH		SIMON JOHN
	09.00	0861 101	M		
309A	SURV BLACK AM HIST	03.0 CR			
1	10.00	LAWSON 231	T F		HUDSON GOSSIE H
	10.00	LAWSON 131	W		
315A	INTEL HIST-WEST WLD	03.0 CR			
1	01.00	LAWSON 221	MT TH		VYVERBERG HENRY S
322A	ENG HIST-TO 1603	04.0 CR			
1	11.00	PARK 204	M F		CHERRY GEORGE L
	11.00	0875 101	T TH		
332A	MEDIEVAL HISTORY	03.0 CR			
1	10.00	WHAM 308	M		BREHM DONALD L
	10.00	WHAM 201	W		
	10.00	LS I 16	TH		
333A	EARLY MODERN EUROPE	03.0 CR			
1	01.00	LAWSON 221	W F		BARTON H ARNOLD
	01.00	LAWSON 201	M		
333B	EUR HIST-18&19 CENT	03.0 CR			
1	12.00	LS I 205	M W F		MCFARLIN HAROLD A
333C	EUR HIST-20TH CENT	03.0 CR			
1	03.00	0862 102	M WTH		ODAY EDWARD J
349A	PRE-COLONIAL AFRICA	03.0 CR			
1	03.00	LAWSON 201	M WTH		BERBERICH
352A	LATIN AMER-COLONIAL	03.0 CR			
1	12.00	0871 102	M WTH		GOLD ROBERT L
365A	HIST CHINESE CIVIL	03.0 CR			
	PREREQ 6 HRS OF 300-LEVEL SOC SCIENCE				
	OR CONSENT OF INSTR				
1	08.00	LAWSON 101	MT TH		KUO



403A	AMER ECONOMIC HIST			03.0	CR	
1	09.00	MT TH	0871	102	CONRAD DAVID E	
405A	U.S. HIST 1850-1896			03.0	CR	
	PREREQ GSB 3008	OR CONSENT OF INSTR				
1	09.00	M W	GYM	203	ADAMS GEORGE W	
	09.00	F	WHAM	302		
409A	US CONSTITUT HIST			03.0	CR	
1	12.00	MT TH	H EC	203	CARROTT MONTGOMERY B	
410	SPECIAL READINGS	02.0	TO 05.0	CR		
1	TO BE ARRANGED					
411A	U S SOC-INT-TO 1830			03.0	CR	
1	11.00	M W F	WHAM	302	ADAMS GEORGE W	
414A	INTELLECTUAL-EUROPE			03.0	CR	
1	03.00	MT TH	LAWSON	101	VYVERBERG HENRY S	
416A	MOD EUR RENAISSANCE			03.0	CR	
1	11.00	M	WHAM	317	DOTSON JOHN EDWARD	
	11.00	T	WHAM	307		
	11.00	TH	WHAM	205		
417A	ADV ENG HIST			03.0	CR	
1	09.00	M W F	H EC	122	CHERRY GEORGE L	
425A	AMER COLONIAL HIST			03.0	CR	
1	03.00	T TH	WHAM	208	BATINSKI MICHAEL C	
	03.00	F	WHAM	203		
428	AGE OF JACKSON			03.0	CR	
1	10.00	T TH	0875	102	FLADELAND	
	10.00	M	0862	102		
434A	SOC-POL HIS MOD EUR			03.0	CR	
	PREREQ GSB 100B					
1	12.00	T THF	H EC	201	ZUCKER STANLEY	
435A	20TH CENT U.S. HIST			03.0	CR	
	PREREQ GSB 300C	OR CONSENT OF INSTR				
1	01.00	T TH	LS II	146	ALLEN HOWARD W	
	01.00	M	LS II	250		
440A	AMER DIPLOMACY-1860			03.0	CR	
1	02.00	T TH	WHAM	208	TRANI EUGENE P	
	02.00	W	WHAM	203		
440C	AMER DIPL 1920-PRES			03.0	CR	
1	03.00	TWTH	H EC	102	TRANI EUGENE P	
452	METH OF HIST RES			03.0	CR	
1	02.00	T F	H EC	122	WERLICH	
	02.00	W	H EC	120		
460A	SOC+INSTIT HIS-M A			03.0	CR	
1	09.00	T THF	LAWSON	221	SHELBY	
463A	HISTORY OF FRANCE			03.0	CR	
	PREREQ 6 HRS OF 300 LEVEL SOC SCI OR	CONSENT OF DEPARTMENT				
1	10.00	M W F	LS II	430	BARTON	
465A	TRAD RUSSIA TO 1905			03.0	CR	
1	02.00	M W F	H EC	203	MCFARLIN	
470	ARGENTINA & CHILE			03.0	CR	
	PREREQ 6 HRS OF 300-LEVEL SOC SCIENCE	OR CONSENT OF DEPT				
1	11.00	T F	PULL	37	WERLICH	
	11.00	W	PULL	35		
473A	18-19TH C CARIBBEAN			03.0	CR	
1	10.00	M WTH	0861	102	GOLD	
498A	HISTORY HONORS			03.0	CR	
1	07.00-10.00 PM	T	WHAM	301A	CARROTT MONTGOMERY B	
510	READING IN HISTORY	02.0	TO 12.0	CR		
	PREREQ CONSENT OF DEPARTMENT					
1	TO BE ARRANGED					
515A	SEM 20TH CEN US HIS			04.0	CR	
1	01.00-02.50	W F	WHAM	301A	ALLEN	
519A	AGE OF JEFFERSON			04.0	CR	
1	02.00-04.50	W	AG	218	AMMON	
553	NEW VWPTS IN AMER H			04.0	CR	
1	01.00-03.50	TH	H EC	122A	FLADELAND BETTY L	
575A	STUDIES-LATIN AMER			04.0	CR	
1	03.00-06.00	M	WHAM	301A	GARDINER C HARVEY	
582	MEDIEVAL & REN HIST			04.0	CR	
1	01.00-03.50	M	WHAM	231	DOTSON	

590	MOD EUROPEAN HIST		04.0 CR	
	PREREQ	GRAD STANDING OR PERMISSION OF		
		DEPT		
1	01.00-04.50	T	TECH A 120	DETWILER
599	THESIS		01.0 TO 09.0 CR	
1	TO BE ARRANGED			
600	DISSERTATION		01.0 TO 48.0 CR	
1	TO BE ARRANGED			

### Home Economics (H EC)

387	SPEC PROB-HONORS		02.0 TO 08.0 CR	
1	TO BE ARRANGED			
388	RES & INVESTIGATION		02.0 TO 08.0 CR	
1	TO BE ARRANGED			

### Home Economics Education (HEED)

111	HOME EC ORIENTATION		02.0 CR	
1	04.00	T	H EC 140B	MOORE VIOLET
	04.00	TH	H EC 120	
2	04.00	T	H EC 140B	MOORE VIOLET
	04.00	W	H EC 120	
3	04.00	T	H EC 140B	MOORE VIOLET
	12.00	F	H EC 120	
	FROSH & SOPH;TRANSFER, JR,SR REGISTER FO			
	R 306			
306	SEMINAR READINGS		02.0 CR	
1	02.00	T TH	H EC 203	MOORE VIOLET
309B	METHODS OF TEACHING		03.0 CR	
	PREREQ 309A			
1	08.00	M W F	H EC 120	KEENAN DOROTHY
310	EVAL AND ADULT EDUC		04.0 CR	
	PREREQ 309 AND S ED 352		CONCURRENTLY	
1	TO BE ARRANGED			EDDLEMAN EDNA J
313	SPECIAL PROBLEMS		02.0 TO 04.0 CR	
	PREREQ .			
1	TO BE ARRANGED			
481	READINGS		02.0 TO 06.0 CR	
	PREREQ	CONSENT OF INSTR AND CHAIRMAN		
		OF DEPARTMENT		
1	TO BE ARRANGED			
500	RESEARCH METHODS		04.0 CR	
	PREREQ	GUID 505 OR CONSENT OF INSTR		
1	06.30-09.00 PM	T	H EC 133	FULTS ANNA CAROL
510	SUPERVISION OF H EC		04.0 CR	
1	06.30-09.00 PM	W	H EC 133	CARTER
510A	PRACTICUM IN SUPERV		01.0 TO 04.0 CR	
	PREREQ 510 OR EDAF 456 OR CONSENT OF			
		INSTRUCTOR		
1	TO BE ARRANGED			
572	SPECIAL PROBLEMS		02.0 TO 05.0 CR	
1	TO BE ARRANGED			
573	SEM-RES IN HOME EC		01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED			FULTS ANNA CAROL
599	THESIS		02.0 TO 09.0 CR	
1	TO BE ARRANGED			
600	DISSERTATION		03.0 TO 16.0 CR	
1	TO BE ARRANGED			FULTS & KEENAN

### Interior Design (ID)

131	INTRO TO DESIGN		03.0 CR	
1	08.00	T TH	H EC 140B	GREEN NANCY
	01.00-02.50	M	H EC 302	
2	08.00	T TH	H EC 140B	GREENE NANCY
	01.00-02.50	W	H EC 302	
3	08.00	T TH	H EC 140B	GREENE NANCY
	08.00-09.50	F	H EC 302	
4	08.00	T TH	H EC 140B	GREENE NANCY
	10.00-11.50	F	H EC 302	

231A	BASIC INTERIOR DES			03.0 CR	
	PREREQ	ID MAJORS ONLY			
1	08.00-10.50	T TH	H EC	302	SEKELY DEZO
300	DISPLAY&EXHIBITION			02.0 TO 04.0 CR	
	PREREQ	231A,B OR 131			
1	04.00-05.50	T TH	H EC	302	GREENE NANCY
	ADDITIONAL HRS	TBA			
380	ID THRU 19TH CENT			04.0 CR	
	PREREQ	*AD 110B, ID 231A,B OR CONSENT OF INSTR			
1	03.00	TWTHF	H EC	206	
390	INTERIOR DESIGN			05.0 CR	
	PREREQ	PREVIOUS OR CONCURRENT ENRL IN *AD 110A OR EQUIV			
1	08.00-11.50	M W	H EC	302	
	ADDITIONAL HRS	TBA			
2	08.00-11.50	T TH	H EC	304	
	ADDITIONAL HRS	TBA			
391C	INTERMEDIATE ID			05.0 CR	
	PREREQ	ID 391B			
1	01.00-04.50	W F	H EC	304A	
	ADDITIONAL HRS	TBA			
2	01.00-04.50	T TH	H EC	304A	
	ADDITIONAL HRS	TBA			
481	READINGS			02.0 TO 06.0 CR	
	PREREQ	CONSENT OF CHAIRMAN			
1		TO BE ARRANGED			
491	ADV INTERIOR DESIGN			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	01.00-03.50	T TH	H EC	302	

# Industrial Technology (IT)

100	ORIENTATION			00.0 CR	
1	04.00	T	TECH A	111	
300A	PLASTIC PROCESS			04.0 CR	
	PREREQ	GSA 101B			
1	08.00	T THF	AG	214	
	01.00-02.50	M	TECH D	14B	
2	08.00	T THF	AG	214	
	01.00-02.50	T	TECH D	14B	
3	08.00	T THF	AG	214	
	03.00-04.50	TH	TECH D	14B	
4	08.00	T THF	AG	214	
	03.00-04.50	M	TECH D	14B	
307	ANAL PROB IN TECH			05.0 CR	
	PREREQ	MATH 111A, B			
1	02.00	MTWTHF	TECH A	410	
317	CAST&METAL FORMING			05.0 CR	
	PREREQ	MATH 111A			
1	11.00	MTW F	TECH A	111	
	08.00-09.50	F	TECH D	14B	
2	11.00	MTW F	TECH A	111	
	01.00-02.50	TH	TECH D	14B	
3	11.00	MTW F	TECH A	111	
	06.00-07.50 PM	TH	TECH D	14B	
318	MATERIALS JOINING			03.0 CR	
1	10.00	W F	TECH A	320	
	06.00-07.50 PM	T	TECH D	14B	
2	10.00	W F	TECH A	320	
	10.00-11.50	TH	TECH D	14B	
319	INDUSTRIAL INTERN			03.0 TO 24.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1		TO BE ARRANGED			
325	METAL REMOVAL PROC			05.0 CR	
	PREREQ	MATH 111A			
1	01.00	TWTHF	TECH A	111	
	08.00-09.50	T	TECH D	14B	
2	01.00	TWTHF	TECH A	111	
	10.00-11.50	M	TECH D	14B	
3	01.00	TWTHF	TECH A	111	
	06.00-07.50 PM	M	TECH D	14B	

4	01.00	TWTHF	TECH A	111
	10.00-11.50	W	TECH D	148
5	01.00	TWTHF	TECH A	111
	08.00-09.50	W	TECH D	148
335	METAL & HEAT TREAT		03.0	CR
	PREREQ MATH 111A			
1	09.00	M W	TECH A	410
	10.00-11.50	T	TECH D	148
2	09.00	M W	TECH A	410
	03.00-04.50	TH	TECH D	148
341	MAINTENANCE		03.0	CR
1	03.00	M W F	TECH A	220
343A	ELECT ELECTRONICS		03.0	CR
1	04.00	M W	TECH A	308
	10.00-11.50	TH	TECH D	104
2	04.00	M W	TECH A	308
	10.00-11.50	W	TECH D	104
351	PRODUCT CONTROL		03.0	CR
	PREREQ I T 325			
1	11.00	M W F	TECH A	208
358	MAT HAND&PL LAYOUT		05.0	CR
	PREREQ I T 317 & 325			
1	02.00	MTWTHF	TECH A	221
359	DESIGN ILLUSTRATION		04.0	CR
	PREREQ E T 102B			
1	04.00	TWTH	TECH A	408
	08.00-10.50	F	TECH A	307
2	04.00	TWTH	TECH A	408
	01.00-03.50	W	TECH A	307
365	QUALITY CONTROL		04.0	CR
	PREREQ JUNIOR STANDING			
1	03.00	MT THF	TECH D	131
375	PROD&INVENT CONTROL		04.0	CR
	PREREQ ENGR 222			
1	09.00	MTWTH	TECH A	221
465A	INDUSTRIAL SAFETY		04.0	CR
	PREREQ SR STANDING			
1	10.00	MT THF	TECH A	422

#### Instructional Materials (I M)

308	INTRO TO CATALOGING		04.0	CR	
1	01.00	M W	PULL	310	DALE DORIS CRUGER
	01.00-02.50	TH	PULL	310	
400	LIB RES METHODS		02.0	CR	
1	02.00	M W	PULL	310	DALE DORIS CRUGER
403	SCH LIB FUN MGT		04.0	CR	
1	10.00	MTWTH	PULL	310	COX DOROTHY J
405	LIB MAT FOR CHILD		04.0	CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR				
1	10.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
406	ADOL LIB MATERIALS		04.0	CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR				
1	08.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
407	BASIC REF SOURCES		04.0	CR	
1	12.00	MTWTH	PULL	318	COX DOROTHY J
417	A-V METH IN EDUC		04.0	CR	
	PREREQ GUID 305				
1	08.00	MTWTH	PULL	316	
2	09.00	MTWTH	PULL	316	
3	10.00	MTWTH	PULL	316	
4	11.00	MTWTH	PULL	316	
5	12.00	MTWTH	PULL	316	
6	01.00	MTWTH	PULL	316	
7	01.00	MTWTH	PULL	318	
8	02.00	MTWTH	PULL	316	
9	03.00	MTWTH	PULL	316	
10	04.00	MTWTH	PULL	316	
11	05.45-07.25	M W	PULL	316	

420	SCH LIB ACT-PRACT			04.0 CR	
	PREREQ 308, 403, 405, OR 406, 407				
1	11.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
440	PHOTOG FOR TEACHERS			04.0 CR	
1	11.00	MTWTH	PULL	310	BUTTS GORDON K
445	PREP TEACH-MADE MAT			04.0 CR	
	PREREQ 417 OR CONSENT OF INSTRUCTOR				
1	01.00-02.50	MTWTH	PULL	307	JURGEMEYER FREDERICK
457	RAD TELEV IN CLRM			04.0 CR	
1	09.00	MTWTH	PULL	310	PLANINC
505	LIT OF HUMANITIES			03.0 CR	
	PREREQ I M 407				
1	04.00-06.30	T	PULL	310	DALE
510	MASS COMM IN EDUC			04.0 CR	
1	06.30-09.00 PM	M	PULL	310	SPIGLE IRVING S
546	INTEG A-V MATERIALS			04.0 CR	
	PREREQ 417, CONSENT OF INSTRUCTOR				
1	09.00	MTWTH	PULL	318	INGLI
549	VISUAL LEARNING			04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	W	PULL	318	WENDT PAUL R
554	ADMIN INST MAT CEN			04.0 CR	
	PREREQ 403				
1	03.00-05.30	M	PULL	310	WENDT
576	PROB INST MAT			02.0 TO 08.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
599	THESIS			05.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				

# Journalism (JRNL)

300	THE NEWS			03.0 CR	
	PREREQ JRNL 345 346				
1	08.00	M W	COMM	1250	
	08.00-09.50	TH	COMM	1250	
2	09.00	M W	COMM	1250	
	08.00-09.50	F	COMM	1250	
3	11.00	M W F	COMM	1213	
	12.00	F	COMM	1213	
4	11.00	T TH	COMM	1250	
	02.00-03.50	TH	COMM	1248	
301	NEWSWRIT EDIT I			03.0 CR	
	PREREQ JRNL 300				
1	08.00	W	LAWSON	101	
	ADDITIONAL HRS TBA				
2	08.00	W	LAWSON	101	
	ADDITIONAL HRS TBA				
3	08.00	W	LAWSON	101	
	ADDITIONAL HRS TBA				
4	08.00	W	LAWSON	101	
	ADDITIONAL HRS TBA				
302	NEWSWRIT EDIT II			03.0 CR	
	PREREQ JRNL 300				
1	10.00	M W F	COMM	1250	
2	12.00	M W F	COMM	1250	
3	01.00	T TH	COMM	1248	
	03.00	W	COMM	1248	
303	NEWS & EDIT III			03.0 CR	
	PREREQ JRNL 301 AND 302				
1	11.00	T	COMM	1018	
	ADDITIONAL HRS TBA				
310	RADIO TV NEWS			03.0 CR	
	PREREQ JRNL 300, 301, 302 & 303				
1	12.00	M WTH	COMM	1213	
330	EDITORIAL WRITING			03.0 CR	
	PREREQ JRNL 303				
1	11.00	M W F	COMM	1250	
345	HIST OF JOURN			03.0 CR	
1	08.00	M W F	LAWSON	221	



346	COMPARATIVE JOURN			03.0 CR
1	11.00	M W	LAWSON	101
	11.00	F	LAWSON	201
350	COMMUNITY NEWSPAPER			03.0 CR
1	01.00	M WTH	AG	218
359	MAG CAREERS & HIST			03.0 CR
1	09.00	M W	AG	144
	09.00	F	LS II	228
369	MAG WRITING			03.0 CR
	PREREQ	JRNL 300, 301, 302		
1	02.00	M W F	COMM	1248
370	PRIN OF ADVERTISING			03.0 CR
1	09.00	M W F	PULL	34
372	AD COPY LAYOUT PROD			05.0 CR
	PREREQ	JRNL 370, 345, & 346		
1	09.00	MTWTHF	COMM	1213
	10.00	TH	COMM	1213
	11.00	TH	COMM	1213
373	ADV MEDIA & MARKETS			03.0 CR
	PREREQ	JRNL 372		
1	10.00	M W F	COMM	1213
374	ADV POL AND PROBS			03.0 CR
	PREREQ	JRNL 373		
1	06.00-09.00 PM	M	COMM	1213
376	ADVER CAMPAIGNS			04.0 CR
	PREREQ	JRNL 374		
1	01.00-04.50	T TH	COMM	1213
382	NEWSPAPER PRO & CIR			03.0 CR
	PREREQ	SENIOR STANDING		
1	03.00	M W F	COMM	1213
383A	NP PROD MANAGEMENT			03.0 CR
	PREREQ	JRNL 300		
1	08.00	M W F	COMM	1248
2	10.00	M W F	COMM	1248
3	11.00	M W	COMM	1248
383B	NP PROD MANAGEMENT			03.0 CR
	PREREQ	JRNL 383A		
1	09.00	T TH	COMM	1248
	10.00	TH	COMM	1248
2	12.00	M W F	COMM	1248
3	01.00	M W F	COMM	1248
389	BASIC RES IN JRNL			03.0 CR
	PREREQ	SENIOR STANDING		
1	08.00	M W F	COMM	1021
390	ADVANCED REPORTING			03.0 CR
	PREREQ	JRNL 303		
1	01.00	M W F	COMM	1213
391	FEATURE WRITING			03.0 CR
	PREREQ	JRNL 303		
1	10.00	T TH S	COMM	1250
2	02.00	T TH S	COMM	1213
393	PUBLICITY METHODS			03.0 CR
1	09.00	T TH S	COMM	1017
395	INTR-MASS COMM THEO			03.0 CR
	PREREQ	SENIOR STANDING		
1	10.00	M W F	NKRS C	116
399	SENIOR SEMINAR			01.0 CR
	PREREQ	LAST QTR MAJORS		
1	12.00	T	LS II	250
431	PUBLIC RELATIONS			03.0 CR
	PREREQ	SR STANDING-JRNL MAJORS ONLY		
1	02.00	M W F	LS II	350
433A	RES THEORY & DESIGN			03.0 CR
1	09.00	M W F	COMM	1248
	02.00-03.50	T	COMM	1248
433B	RESEARCH METHODS			03.0 CR
	PREREQ	JRNL 432 OR CONSENT OF INSTR		
1	01.00	M W F	WHAM	307
	EXTRA LAB HRS	TBA		

442	LAW OF JOURNALISM	03.0	CR		
	PREREQ SR STANDING -JRNL MAJORS ONLY				
1	09.00 M W F WARREN 129				
445	SPECIALIZED WRITING	04.0	CR		
	PREREQ CONSENT OF INSTR				
1	10.00 M W F WHAM 329				
449	PRACTICUM	02.0	TO 08.0	CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
498	READINGS	01.0	TO 12.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
501	LITERATURE OF JRNL	03.0	CR		
1	07.00-09.50 PM M COMM 1021				LONG HOWARD RUSK
533	RESEARCH PROB-JRNL	01.0	TO 04.0	CR	
1	TO BE ARRANGED				BROWN GEORGE CURTIS
545	STUDIES IN JRNL HIS	03.0	CR		
1	03.00-04.50 T TH AG 218				HART JIM ALLEE
595	GRADUATE SEMINAR	00.0	CR		
1	TO BE ARRANGED				BROWN GEORGE CURTIS
598	READINGS	01.0	TO 12.0	CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS	01.0	TO 08.0	CR	
1	TO BE ARRANGED				BROWN GEORGE CURTIS
600	DISSERTATION	01.0	TO 48.0	CR	
1	TO BE ARRANGED				BROWN GEORGE CURTIS

### Liberal Arts and Sciences (LA S)

300	INDIV INTERDIS READ	01.0	TO 04.0	CR	
1	TO BE ARRANGED				
301	INDIV INTERDISC RES	01.0	TO 04.0	CR	
1	TO BE ARRANGED				
302	IND INTERDIS F STUD	01.0	TO 04.0	CR	
1	TO BE ARRANGED				

### Linguistics (LING)

401A	INTRO TO LINGUISTIC	04.0	CR		
1	01.00 MT 0871 101				CANAVATI GLORIA K
	01.00 TH 0871 102				
	01.00 F 0875 101				
401B	INTRO TO LINGUISTIC	04.0	CR		
1	10.00 M F FELTS 130				KATRANIDES
	10.00 T TH BROWN 130				
2	03.00 M THF WHAM 308				HILL
	03.00 T WHAM 329				
402A	PHONETICS	04.0	CR		
1	11.00 MT THF 0720 114				KATRANIDES
2	02.00 MT TH 0861 101				GILBERT GLENN G
	02.00 F 0861 102				
410G	UNCOM LANG-VIET NAM	05.0	CR		
	PREREQ GSD 210G,H,I OR EQUIV				
1	10.00 MTWTHF LS II 130				NGUYEN DINH HOA
	11.00 MT THF 0721 102				
	11.00 W H EC 122A				
420G	ADV VIETNAMESE	04.0	CR		
	PREREQ LING 410 OR EQUIV				
1	02.00 F COMM 1018				NGUYEN
	02.00 MT COMM 1022				
	02.00 TH COMM 1017				
540	STUDIES-LINGUISTICS	02.0	TO 08.0	CR	
	PREREQ 401B OR EQUIV OR CONSENT				
1	01.00 M AG 148				
	01.00 T TH COMM 1018				
	01.00 F AG 218				
550A	PRO-SEM IN LING	04.0	CR		
	PREREQ CONSENT OF INSTR				
1	10.00 MT THF WHAM 231				CARRELL
570	CLSRM TECH IN TEFL	03.0	CR		
1	10.00 T THF WHAM 301A				PARISH CHARLES

	10.00	M	CL	25	
2	11.00	T THF	WHAM	301A	REDDEN JAMES E
	11.00	M	CL	25	
585	TEACH FOREIGN STU			02.0 CR	
1	10.00	T TH	NKRS A	258	REDDEN
597	READINGS IN LING			02.0 TO 12.0 CR	
	PREREQ LING 401B OR EQUIV				
1	TO BE ARRANGED				
599	THESIS			02.0 TO 09.0 CR	
	PREREQ M.A. CANDIDACY				
1	TO BE ARRANGED				

### Management (MGT)

170	INTR TO BUS ADMIN			04.0 CR	
	PREREQ FRESHMEN AND SOPHOMORES ONLY				
1	10.00	MTWTHF	AG	152	
2	04.00	MTWTHF	AG	214	
301	MGT & SUPERVISION			04.0 CR	
	PREREQ GSB 201C OR EQUIVALENT, OR PER MISSION OF INSTRUCTOR				
1	01.00	MT THF	WHAM	321	
302	ADMIN COMM IN BUS			04.0 CR	
	PREREQ GSD 102, ACCT 250 OR 251A, OR MG T 170 OR 340, OR EQUIV				
1	04.00	T THF	LS II	450	
340	BUS-ORG AND MGT			04.0 CR	
	PREREQ GSB 201B AND C, OR EQUIVALENT-JR STANDING OR CONSENT				
1	09.00	MTWTHF	TECH A	111	
2	04.00	MTWTHF	NKRS B	240	
3	05.45-07.25	M W	LAWSON	161	
341	ORGANIZ BEHAVIOR I			04.0 CR	
	PREREQ 340, GSD 110 OR EQUIV OR CONSENT OF INSTR				
1	10.00-11.50	M W	ABBOTT	129	
2	02.00-03.50	M	AG	150	
	02.00-03.50	W	AG	116	
345	INF SYST-COMP FUND			04.0 CR	
	PREREQ ACCT 261, MGT 340 OR FIN 320 OR MKT 301, OR CONSENT				
1	08.00-09.50	T TH	WHAM	328	
2	01.00-02.50	T TH	WHAM	305	
351	METH OF QUAN ANAL			04.0 CR	
1	11.00-12.50	T TH	PULL	34	
361	RESEARCH IN BUS ADM			04.0 CR	
	PREREQ MGT 340, GSD 102, 103, GSD 110 OR EQUIV OR CONSENT				
1	12.00-01.50	M W	0861	102	
382	PERF STAND&METH IMP			04.0 CR	
	PREREQ MGT 340 OR CONSENT OF INSTR				
1	12.00-01.50	M F	PULL	34	
385	PERSONNEL MGT			04.0 CR	
	PREREQ MGT 340, GSD 110 OR EQUIVALENT, OR CONSENT OF INSTR				
1	08.00-09.50	W	AG	216	
	08.00-09.50	F	LAWSON	201	
440	THE MGT PROCESS			04.0 CR	
	PREREQ RESTRICTED TO GRADS WHO HAVE N OT TAKEN 340 OR EQUIV				
1	TO BE ARRANGED				
	MEETS WITH 340 PLUS ONE SEPARATE SESSION PER WEEK				
452	BUS OPERATIONS ANAL			04.0 CR	
	PREREQ MGT 340, 351 OR MATH 150A OR EQUIV				
1	08.00-09.50	T TH	0861	102	
474	MGT RESP IN SOCIETY			04.0 CR	
	PREREQ MGT 340, SR STANDING OR CONSENT OF INSTR				
1	08.00-09.50	W	WHAM	321	
	08.00-09.50	F	WHAM	205	

2	12.00-01.50	W	PARK	111
	12.00-01.50	F	PARK	204
479	PROBS BUS AND ECON			04.0 CR
	PREREQ	340, ECON 215, 308	OR 408 OR	
		EQUIV, MKTG 301	OR EQ.	
1	10.00-11.50	M F	PULL	39
481	ADMINISTRATIVE POL			04.0 CR
	PREREQ	MGT 340, FIN 320, MKTG 301	OR	
		EQUIV, & SR STANDING		
1	08.00-09.50	M W	PULL	35
2	10.00-11.50	T TH	CL	326
3	12.00-01.50	W F	AG	188
4	02.00-03.50	T TH	COMM	1018
485	PROBS PERS MGT			04.0 CR
	PREREQ	MGT 385, ECON 308	OR 408, MGT	
		361		
1	10.00-11.50	W F	NKRS A	160
499	SPEC TOPICS IN MGT			01.0 TO 08.0 CR
	PREREQ	16 HRS IN BUSINESS & CONSENT O		
		F DEPT CHAIRMAN		
1	11.00-12.50	W F	CL	326

### Marketing (MKTG)

301	MKTG FUNDAMENTALS			04.0 CR
	PREREQ	ECON 214, ACCT 251A		
1	09.00	MTWTH	WHAM	307
2	10.00-11.50	M	WHAM	319
	10.00-11.50	W	WHAM	303
3	10.00	M	WHAM	203
	10.00	T TH	H EC	104
	10.00	W	H EC	122
4	11.00	MTWTH	CL	109
5	11.00	T F	CL	24
	11.00	W	WHAM	329
	11.00	TH	WHAM	321
6	01.00-02.50	M W	CL	326
7	03.00-04.50	M W	CL	109
8	03.00-04.50	T TH	AG	116
9	05.45-07.25	T TH	LAWSON	221
335	INTERNATIONAL MKTG			04.0 CR
	PREREQ	MKTG 301		
1	10.00-11.50	M	H EC	118
	10.00-11.50	W	CL	24
341	TRANSPORTATION			04.0 CR
	PREREQ	MKTG 301, ECON 215		
1	11.00	TWTHF	FELTS	130
363	PROMOTIONAL CONCEPT			04.0 CR
	PREREQ	MKTG 301		
1	02.00	MTWTH	CL	109
2	04.00	MTWTH	AG	144
390	MKTG RES & ANAL			04.0 CR
	PREREQ	MKTG 301, ONE COURSE IN		
		STATISTICS		
1	08.00	MT TH	CL	109
	08.00	W	H EC	202
2	10.00	MTWTH	BAILEY	130
3	01.00-02.50	T TH	H EC	202
401	PROB IN RETAILING			04.0 CR
	PREREQ	MKTG 363		
1	02.00-03.50	M W	H EC	202
438	SALES MANAGEMENT			04.0 CR
	PREREQ	MKTG 363		
1	03.00-04.50	T TH	CL	109
439	IND MARKETING MGMT			04.0 CR
	PREREQ	MKTG 363		
1	01.00-02.50	T TH	PULL	37
452	PHYSICAL DIST MGT			04.0 CR
	PREREQ	MKTG 301, ECON 215		
1	08.00-09.50	W F	CL	109

463	ADVERTISING MANAG			04.0 CR
	PREREQ	MKTG 363, MKTG 390		
1	10.00-11.50	M W	WHAM	307
493	MARKETING POLICIES			04.0 CR
	PREREQ	ACCT 261, MKTG 363, 390, PLUS 4HRS IN MKTG, SENIOR		
1	01.00-02.50	T TH	LS II	130
2	03.00-04.50	M W	COMM	1020

### Mathematics (MATH)

108	BASIC TRANS MATH			03.0 CR
	PREREQ	GSD 107		
1	08.00	M	TECH A	220
	08.00	T TH	TECH A	422
2	09.00	T TH S	TECH A	210
3	10.00	T THF	TECH A	208
4	12.00	M WTH	TECH D	131
5	01.00	T THF	PARK	204
6	02.00	T THF	NKRS A	160
7	03.00	TW F	0862	101
8	04.00	M W F	TECH A	208
9	07.35-09.15 PM	T TH	TECH A	408
111A	COL ALGEBRA TRIG			05.0 CR
	PREREQ	GSD 106 OR HS EQUIV		
1	08.00	MTWTHF	BROWN	130
2	08.00	TWTHFS	NKRS A	160
3	08.00	MTWTH S	TECH A	420
4	08.00	MTWTH	TECH A	310
	08.00	F	NKRS C	116
5	09.00	MTWTH S	TECH D	131
6	09.00	TWTHFS	LS I	16
7	09.00	MTWTHF	AG	116
8	09.00	MTWTHF	BROWN	130
9	10.00	M W F	NKRS B	440
	10.00	T TH	LS II	350
10	10.00	M W F	NKRS B	440
	10.00	T TH	AG	214
11	10.00	M W F	NKRS B	440
	10.00	T TH	BROWN	130
12	11.00	M W	AG	216
	11.00	T TH S	TECH A	420
13	11.00	MTWTHF	AG	144
14	11.00	MTWTHF	NKRS A	156
15	12.00	MTWTHF	TECH A	408
16	12.00	MTWTHF	TECH A	420
17	12.00	MTWTHF	TECH A	222
18	01.00	MTWTHF	TECH A	208
19	01.00	MTWTHF	AG	166
20	01.00	MTWTHF	TECH A	322
21	02.00	MTWTHF	TECH A	320
22	02.00	MTWTHF	TECH A	322
23	02.00	MTWTHF	TECH A	222
24	03.00	MTWTHF	TECH A	210
25	03.00	MTWTHF	NKRS A	156
26	03.00	MTWTHF	TECH A	420
27	04.00	MTWTHF	TECH D	131
28	06.00-07.25 PM	M WTH	TECH A	220
29	06.00-07.25 PM	M WTH	TECH A	222
30	07.35-09.00 PM	M WTH	TECH A	220
31	07.35-09.00 PM	M WTH	TECH A	410
111B	COL ALGEBRA TRIG			05.0 CR
	PREREQ	MATH 111A OR MATH 108		
1	08.00	MT THFS	NKRS A	156
2	08.00	MTWTHF	TECH A	210
3	09.00	MTWTHF	NKRS A	160
4	09.00	MTWTHF	NKRS A	156
5	10.00	MTWTHF	NKRS A	156
6	10.00	M W F	TECH A	222
	10.00	T TH	TECH A	210
7	11.00	MTWTHF	BROWN	130
8	11.00	MTWTHF	TECH D	131



9	12.00	MTWTHF	ARENA	121
10	12.00	MTWTHF	TECH A	422
11	01.00	M F	NKRS A	156
	01.00	TWTH	TECH A	410
12	01.00	MTWTHF	TECH D	131
13	02.00	MTW F	TECH A	422
14	02.00	MTWTHF	TECH A	408
15	03.00	MTWTHF	0871	102
16	03.00	MTWTHF	TECH A	422
17	06.00-07.25 PM	M WTH	NKRS A	156
18	06.00-07.25 PM	M WTH	TECH A	422
19	07.35-09.00 PM	M WTH	NKRS A	156
140A	SHORT CRSE-CALCULUS			03.0 CR
	PREREQ MATH 111B			
1	09.00	M W F	NKRS C	118
2	09.00	M W F	0871	101
3	11.00	T THF	TECH A	320
4	01.00	MT TH	NKRS A	160
5	03.00	M W F	NKRS A	160
6	04.00	M W F	TECH A	210
7	06.00-07.15 PM	T TH	NKRS A	156
140B	SHORT CRSE CALCULUS			03.0 CR
	PREREQ MATH 140A			
1	10.00	M W F	NKRS C	118
2	12.00	T THF	TECH A	220
3	04.00	M W F	NKRS A	156
150A	ELEM CALC-ANAL GEOM			05.0 CR
	PREREQ MATH 111B			
1	08.00	MTWTHF	TECH A	320
2	09.00	MTWTHF	TECH A	408
3	10.00	MTWTHF	TECH A	408
4	11.00	M W	TECH A	320
	11.00	T THF	TECH A	322
5	12.00	MTWTHF	TECH A	208
6	01.00	MTWTHF	TECH A	210
7	02.00	MTWTHF	TECH A	220
8	03.00	MTWTHF	TECH A	408
9	07.35-09.00 PM	M WTH	TECH A	308
150B	ELEM CALC-ANAL GEOM			05.0 CR
	PREREQ MATH 150A			
1	08.00	MTWTHF	TECH A	408
2	10.00	MTWTHF	TECH A	220
3	11.00	MTWTHF	TECH A	408
4	12.00	MTWTHF	NKRS C	116
5	02.00	MTWTHF	TECH A	210
6	03.00	MTWTHF	TECH A	308
7	06.00-07.25 PM	M WTH	TECH A	310
159A	ELEM CALCULUS-HONOR			07.0 CR
	PREREQ CONSENT OF DEPT			
1	01.00	MTWTHF	NKRS A	358
221	INTRO LINEAR ALGEBR			03.0 CR
	PREREQ 150B			
1	08.00	T THF	TECH A	220
2	10.00	M W F	TECH A	210
3	02.00	M W F	TECH A	208
252A	INTER CALC-ANLY GEO			04.0 CR
	PREREQ 150B OR 159B			
1	08.00	MT THF	TECH A	410
2	11.00	MT THF	NKRS C	118
3	01.00	MTW F	TECH A	320
4	03.00	MTW F	TECH A	310
252B	INTER CALC-ANLY GEO			03.0 CR
	PREREQ 252A			
1	09.00	T THF	TECH A	410
2	12.00	MT TH	TECH A	322
3	04.00	M W F	TECH A	222
259B	INTER-CALCULUS-HON			05.0 CR
	PREREQ MATH 259A			
1	09.00	T TH	NKRS A	358
	09.00	F	NKRS A	458

301	FUNDAMENTAL CONCEPT	03.0 CR
	PREREQ MATH 150B	
1	09.00 M W F NKRS A 358	
2	11.00 M W F NKRS A 358	
3	01.00 T THF NKRS A 278	
4	03.00 T THF NKRS A 358	
305A	MATH PHYS SCIENCES	03.0 CR
	PREREQ MATH 252B	
1	08.00 M W F TECH A 422	
2	10.00 M TECH A 320	
	10.00 W F AG 144	
3	12.00 T THF LS I 323	
4	04.00 M W F TECH A 320	
5	06.00-07.15 PM M W NKRS A 160	
310	TEACHING ELEM MATH	04.0 CR
	PREREQ GSD 107	
1	08.00 TWTHF WHAM 305	
2	11.00 MTWTH WHAM 305	
3	02.00 MT THF WHAM 329	
4	04.00 MTWTH WHAM 210	
5	07.35-09.15 PM M W NKRS A 160	
311	TEACH SEC MATH /P/	03.0 CR
	PREREQ MATH 301	
1	10.00 M W F TECH A 322	
319	INTR-ABSTRACT ALG	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	09.00 M AG 216	
	09.00 W F TECH A 322	
2	01.00 M AG 188	
	01.00 W F PULL 39	
321	ELEM MATRIX ALGEBRA	03.0 CR
	PREREQ MATH 150A OR 140B	
1	12.00 M W F TECH A 320	
325	INTRO-NUMBER THEORY	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPARTM ENT	
1	12.00 M W F TECH A 210	
335A	CONCEPTS OF GEOM	03.0 CR
	PREREQ MATH 252A, 301 OR CONSENT OF INSTR	
1	03.00 M WTH NKRS A 458	
352	INTRO TO ANALYSIS	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	09.00 M W F TECH A 420	
395	READINGS IN MATH	02.0 CR
	PREREQ 4.0 GPA IN MATH & CONSENT OF C HAIRMAN	
1	11.00 T TH NKRS A 358	
410A	STAT ANALYSIS	04.0 CR
	PREREQ MATH 111B OR CONSENT OF INSTR	
1	10.00 M W F LS I 323	
	10.00-11.50 T NKRS A 278	
2	10.00 M W F LS I 323	
	10.00-11.50 TH AG 154	
	ABOVE SECTION RESTR TO PSYC MAJORS	
421A	LINEAR ALGEBRA	03.0 CR
	PREREQ MATH 252B, 301 OR CONSENT OF DEPT	
1	10.00 T THF NKRS A 358	
2	01.00 M W F TECH A 408	
426A	INTRO MATH LOGIC	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	11.00 M W F TECH A 422	
428	DISCRETE STRUCTURES	03.0 CR
	PREREQ MATH 301	
1	12.00 M W F NKRS A 156	
	CROSSLISTED WITH CS 422	
433A	INTRO TO TOPOLOGY	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	03.00 T THF NKRS A 258	

452A	ADVANCED CALCULUS		03.0	CR
	PREREQ MATH 252B			
1	09.00	MT THF	NKRS A	258
2	09.00	MT TH	TECH A	322
	09.00	F	AG	148
455A	ADV MATH-PHYS SCI		03.0	CR
	PREREQ 252B OR CONSENT OF INSTR			
1	12.00	T TH	NKRS A	358
	12.00	F	NKRS A	258
475A	NUMERICAL ANALY I		03.0	CR
	PREREQ CS 202, MATH 305A, 221 OR 421A			
1	03.00	M W F	TECH A	320
	CROSSLISTED WITH CS 464A			
480A	PROBABILITY		03.0	CR
	PREREQ MATH 252B			
1	01.00	M WTH	NKRS A	258
483A	INTRO MATH STAT		03.0	CR
	PREREQ MATH 252B			
1	04.00	M W F	NKRS C	118
501A	REAL ANALYSIS		03.0	CR
	PREREQ MATH 452C			
1	01.00	T THF	TECH A	220
502	ADV TOP ORD DIF EQ		03.0 TO 18.0	CR
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			
505A	TH ORDIN DIFF EQUAT		03.0	CR
	PREREQ MATH 501B AND 421A OR CONSENT OF INSTR			
1	09.00	M W F	TECH B	20
510A	MATHEMATICAL LOGIC		03.0	CR
	PREREQ 426B OR CONSENT			
1	12.00	M W F	NKRS A	358
520A	MODERN ALGEBRA		03.0	CR
	PREREQ 419 OR CONSENT OF INSTRUCTOR			
1	02.00	T THF	NKRS A	358
522	ADV TOPICS-ALGEBRA		03.0 TO 18.0	CR
	PREREQ MATH 520B			
1	01.00-02.50	M W	TECH B	20
528	AUTOMATA THEORY		03.0	CR
	PREREQ CS 451			
1	04.00	M W F	NKRS A	160
	CROSSLISTED WITH CS 551			
530A	GENERAL TOPOLOGY		03.0	CR
	PREREQ 433B OR CONSENT OF INSTRUCTOR			
1	03.00	T TH	TECH A	222
	03.00	F	TECH A	120
532	ADV TOPICS TOPOLOGY		03.0 TO 18.0	CR
	PREREQ MATH 530B			
1	02.00-03.50	M W	NKRS A	358
550E	SEM IN MATH EDUC		01.0	CR
	PREREQ CONSENT OF INSTR			
1	11.00	T	NKRS A	458
2	11.00	TH	NKRS A	458
551A	FUNCTIONAL ANALYSIS		03.0	CR
	PREREQ MATH 421B AND 501C			
1	01.00	T THF	TECH B	20
552	ADV TOPICS-ANALYSIS		03.0 TO 18.0	CR
	PREREQ CONSENT OF DEPT			
1	09.00-10.50	T TH	TECH A	122
555A	COMPLEX ANALYSIS		03.0	CR
	PREREQ MATH 452C			
1	11.00	M W F	TECH A	120
572A	NUMERICAL ANALY II		03.0	CR
	PREREQ CONSENT OF INSTR			
1	03.00	M W F	TECH A	322
	CROSSLISTED WITH CS 564A			
581A	ADV PROB THEORY		03.0	CR
	PREREQ 501C OR CONSENT OF INSTR			
1	10.00	F	NKRS A	258
	10.00	M W	NKRS A	358

595A	SP PROJ ALGEBRA	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595B	SP PROJ GEOMETRY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595C	SP PROJ ANALYSIS	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595D	SP PROJ PROB & STAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595E	SP PROJ MATH EDUC	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595F	SP PROJ LOGIC & FOU	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595G	SP PROJ TOPOLOGY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595H	SP PROJ AP MATH	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595I	SP PROJ DIF EQUAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595J	SP PROJ NUMBER THEO	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
599	THESIS	01.0 TO 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	01.0 TO 48.0 CR
1	TO BE ARRANGED	

### Microbiology (MICR)

301	PRIN-MICROBIOLOGY	05.0 CR
	PREREQ 1 YR OF COLLEGE CHEM AND GSA 2	
	01A OR EQUIV	
1	08.00 MTWTH LS I 16 SHECHMEISTER ISAAC	
	09.00-10.50 M W LS I 6	
	08.00 F LS I 6	
2	08.00 MTWTH LS I 16 SHECHMEISTER ISAAC	
	11.00-12.50 M W LS I 6	
	09.00 F LS I 6	
3	08.00 MTWTH LS I 16 SHECHMEISTER ISAAC	
	01.00-02.50 M W LS I 6	
	12.00 F LS I 6	
4	08.00 MTWTH LS I 16 SHECHMEISTER ISAAC	
	06.00-07.50 PM M W LS I 6	
	02.00 F LS I 6	
5	08.00 MTWTH LS I 16 SHECHMEISTER ISAAC	
	03.00-04.50 M W LS I 6	
	03.00 F LS I 6	
390	UNDERGRAD RES PART 02.0 TO 05.0 CR	
	PREREQ 4.00 GPA IN MICR AND CONSENT	
	OF DEPARTMENT	
1	12.00-01.50 M LS II 130	
403	MED BACTERIOLOG LEC 03.0 CR	
	PREREQ MICR 302	
1	02.00 MTW LS II 146 MCCLARY DAN O	
404	MED BACTERIOLOG LAB 02.0 CR	
	PREREQ PREVIOUS OR CONCURRENT ENROLLM	
	ENT IN MICR 403	
1	08.00-09.50 T TH LS II 113	
	09.00 S LS II 113	
2	10.00-11.50 T TH LS II 113	
	10.00 S LS II 113	
425	BIOCHM&PHS MICR-LEC 03.0 CR	
	PREREQ 301 AND ORGANIC CHEMISTRY	
1	09.00 M W F LS II 146 OGUR MAURICE	

426	BIOCHM&PHS MICR-LAB			03.0 CR	
	PREREQ	PREVIOUS OR CONCURRENT	425		
1	01.00-05.50	TH	LS II	119	
2	01.00-05.50	F	LS II	119	
462	FUNGAL GENETICS LEC			03.0 CR	
	PREREQ	BIOLOG 305			
1	08.00	M W F	LS II	130	GILMORE RICHARD
463	FUNGAL GENETICS LAB			03.0 CR	
	PREREQ	CONSENT OF INSTR & MICR 462 OR CONCURRENT ENROLLMENT			
1	TO BE ARRANGED				
500	SEMINAR			01.0 CR	
1	10.00-11.50	F	LS I	16	
511	RESEARCH			01.0 TO 15.0 CR	
1	TO BE ARRANGED				
528	READINGS IN MICRO			01.0 TO 10.0 CR	
1	TO BE ARRANGED				
541	ADVANCED VIROLOGY			06.0 CR	
	PREREQ	MICR 441			
1	10.00	MTW	LS I	16	ROUHANDEH HASSAN
	02.00-04.50	T TH	LS I	6	
599	THESIS			03.0 TO 09.0 CR	
1	12.00-01.50	W	LS II	130	
600	DISSERTATION			03.0 TO 48.0 CR	
1	12.00-01.50	F	LS II	130	

# **Music (MUS)**

001A	MARCHING BAND			01.0 TO 02.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	03.15-04.45	T THF	ALTG	114	HANES MICHAEL D
	07.00-09.00 PM	M	ALTG	114	
001B	SYMPHONIC BAND			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00	M W F	ALTG	114	KOENIGSTEIN NICHOLAS
001C	STAGE BAND			01.0 CR	
	PREREQ	AUDITION			
1	05.00-07.00	W	ALTG	114	FRANKLIN
2	07.00-09.00 PM	W	ALTG	114	FRANKLIN
3	07.00-09.00 PM	TH	ALTG	114	STIMAN
001E	WIND ENSEMBLE			01.0 CR	
	PREREQ	AUDITION			
1	03.00-04.30	M W	ALTG	114	SIENER MELVIN L
002A	UNIVERSITY CHOIR			01.0 CR	
	PREREQ	AUDITION			
1	04.00-05.30	T TH	ALTG	115	KINGSBURY ROBERT W
002B	UNIVERSITY SINGERS			01.0 CR	
1	07.30-09.45 PM	M	H EC	140B	KINGSBURY ROBERT W
	ALSO MEETS IN ALTG	115 & 116			
002C	MALE GLEE CLUB			01.0 CR	
	PREREQ	AUDITION			
1	08.00-09.30 PM	T TH	ALTG	115	KINGSBURY ROBERT W
002D	WOMEN-CHORAL ENSEM			01.0 CR	
	PREREQ	AUDITION			
1	03.00	M W	ALTG	115	TAYLOR CHARLES C
	03.00	F	ALTG	116	
002E	ANGEL FLT ANGELAIRE			01.0 CR	
	PREREQ	MEMBERSHIP IN S.I.U. ANGEL FLIGHT			
1	07.30-09.00 PM	T TH	ALTG	248	TAYLOR CHARLES C
003A	UNIVERSITY ORCHESTR			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	07.00-09.45 PM	T	ALTG	114	STROUD JAMES H
003B	CHAMBER ORCHESTRA			01.0 CR	
	PREREQ	AUDITION			
1	03.00-04.30	F	ALTG	114	STRAWN RICHARD G
010A	CLASS APP-STRINGS			01.0 CR	
	PREREQ	CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST			
1	08.00	T TH	0555	7	POULOS
2	08.00	T TH	ALTG	114	STRAWN



010B	CLASS APP-WOODWINDS	01.0 CR				
	PREREQ CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST					
1	09.00	T TH	ALTG	301	INTRAVAIA	
2	09.00	T TH	0555	205	RESNICK	
3	09.00	T TH	0555	7	HUSSEY	
010C	CLASS APP-BRASS	01.0 CR				
	PREREQ CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST					
1	11.00	T TH	ALTG	114	STIMAN	
2	11.00	T TH	0555	7	KOENIGSTEIN	
010E	CLASS APP-PIANO	01.0 CR				
	PREREQ CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST					
1	09.00	T F	0555	201	FRAZEE	
	KP2					
2	09.00	M W	0555	201	FRAZEE	
	KP1					
3	10.00	T F	0555	201	FRAZEE MARJORIE A	
	KP3					
4	11.00	M W	ALTG	301	HARTLINE	
	MM1					
5	11.00	T F	ALTG	301	HARTLINE ELISABETH D	
	MM2					
6	12.00	M W	ALTG	301	HARTLINE	
	MM1					
7	12.00	T F	ALTG	301	HARTLINE ELISABETH D	
	MM6					
8	01.00	M W	ALTG	301	HARTLINE	
	MM4					
9	01.00	T F	ALTG	301	HARTLINE	
	MM3					
10	02.00	M W	ALTG	301	HARTLINE ELISABETH D	
	MM1					
11	02.00	T F	ALTG	301	HARTLINE ELISABETH D	
	MM5					
12	03.00	M W	0555	201	FRAZEE	
	KP1					
13	03.00	T F	0555	201	FRAZEE	
	KP1					
010F	CLASS APP-VOICE	01.0 CR				
	PREREQ CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR CONS INST					
1	01.00	M TH	0555	7	KAGEFF BURT KEITH	
2	01.00	W F	0555	7	KAGEFF BURT KEITH	
3	01.00	W F	ALTG	115	KAGEFF	
010G	CLASS APP-GUITAR	01.0 CR				
	PREREQ CONC, SEC CONC MUS, ELED, EARLY CHILDHOOD, OR COND INST					
1	10.00	T TH	0555	7		
	BEGINNING					
2	10.00	W F	0555	7		
	INTERMEDIATE					
3	12.00	T TH	0555	7		
	BEGINNING					
4	12.00	W F	0555	7		
	ADVANCED					
105A	THEORY OF MUSIC	04.0 CR				
1	08.00	MTWTHF	ALTG	106	WEBB MARY ANN V	
2	08.00	MTWTHF	ALTG	116	BARRUS	
3	09.00	MTWTHF	ALTG	116	EDDINS	
4	09.00	MTWTHF	ALTG	106	GRIZZELL MARY JANE	
5	09.00	MTWTHF	ALTG	248	HUSSEY	
140A	PRIV APP MUS-VIOLIN	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					
1	TO BE ARRANGED				POULOS HELEN E	
	10.00	M	ALTG	106		
2	TO BE ARRANGED				STRAWN RICHARD G	
	10.00	M	ALTG	106		

140B	PRIV APP	MUS-VIOLA	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BARRUS CLYN D
	10.00	M	ALTG	106	
140C	PRIV APP	MUS-CELLO	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			STROUD JAMES H
	10.00	M	ALTG	106	
140D	PRIV APP	MUS - BASS	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BRANCH LONDON G
	10.00	M	ALTG	106	
140E	PRIV APP	MUS-FLUTE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BOTTJE
	10.00	M	0555	7	
2	TO BE	ARRANGED			RESNICK ROBERT S
	10.00	M	0555	7	
140F	PRIV APP	MUS-OBOE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			HUSSEY GEORGE A
	10.00	M	0555	7	
140G	PRIV APP	MUS-CLAR	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			RESNICK
	10.00	M	0555	7	
140H	PRIV APP	MUS-BASSON	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			INTRAVAIA LAWRENCE J
	10.00	M	0555	7	
140I	PRIV APP	MUS-SAX	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			HUSSEY GEORGE A
	10.00	M	0555	7	
2	TO BE	ARRANGED			INTRAVAIA LAWRENCE J
	10.00	M	0555	7	
140J	PRIV APP	MUS-PERCUS	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			HANES MICHAEL D
	10.00	M	ALTG	114	
140K	PRIV APP	MUS-PIANO	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			BARWICK STEVEN
	10.00	M	SHRY	110	
2	TO BE	ARRANGED			GRIZZELL MARY JANE
	10.00	M	SHRY	110	
3	TO BE	ARRANGED			KIDD
	10.00	M	SHRY	110	
4	TO BE	ARRANGED			MUELLER
	10.00	M	SHRY	110	
5	TO BE	ARRANGED			WERNER
	10.00	M	SHRY	110	
6	TO BE	ARRANGED			
	10.00	M	SHRY	110	
140L	PRIV APP	MUS-F HORN	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			NADAF GEORGE
	10.00	M	ALTG	116	

140M	PRIV APP	MUS-TRUMP	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			FRANKLIN
2	TO BE	ARRANGED			OLSSON PHILLIP H
	10.00	M	ALTG	116	
140N	PRIV APP	MUS-TRBONE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			STIMAN HAROLD E
	10.00	M	ALTG	116	
140O	PRIV APP	MUS-TUBA	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			STIMAN HAROLD E
	10.00	M	ALTG	116	
140P	PRIV APP	MUS-BATONE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			STIMAN HAROLD E
	10.00	M	ALTG	116	
140Q	PRIV APP	MUS-VOICE	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			KAGEFF BURT KEITH
	10.00	M	ALTG	115	
2	TO BE	ARRANGED			LAWRENCE MARJORIE
	10.00	M	ALTG	115	
3	TO BE	ARRANGED			TAYLOR
	10.00	M	ALTG	115	
4	TO BE	ARRANGED			WALLACE
	10.00	M	ALTG	115	
5	TO BE	ARRANGED			
	10.00	M	ALTG	115	
140R	PRIV APP	MUS-ORGAN	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			WEBB MARY ANN V
	10.00	M	0555	101	
140S	PRIV APP	MUS-HARPCB	01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE	ARRANGED			OLDFIELD WILLARD A
	10.00	M	0555	204	
200	FUNDAMENTALS-MUSIC		03.0 CR		
1	08.00	M W	ALTG	248	PACE KAY
	08.00	F	0555	201	
2	08.00	M W	ALTG	248	PACE KAY
	09.00	F	0555	201	
3	12.00	M W	ALTG	116	POULOS HELEN E
	12.00	TH	0555	201	
4	12.00	M W	ALTG	116	POULOS HELEN E
	12.00	F	0555	201	POULOS HELEN E
5	01.00	M W	ALTG	116	MCHUGH CATHERINE
	01.00	TH	0555	201	
6	01.00	M W	ALTG	116	MCHUGH CATHERINE
	01.00	F	0555	201	
7	02.00	M W	ALTG	248	PACE KAY
	02.00	TH	0555	201	
8	02.00	M W	ALTG	248	PACE KAY
	02.00	F	0555	201	
205A	THEORY OF MUSIC		03.0 CR		
	PREREQ	105C			
1	11.00	MTWTHF	ALTG	106	MUELLER ROBERT E
2	11.00	MTWTHF	ALTG	116	OLDFIELD WILLARD A
3	11.00	MTWTHF	ALTG	248	WERNER
240	PRIV APP	MUS	01.0 TO 04.0 CR		
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON			
		SAME INSTR OR CONSENT			

See MUS 140 for listing.

300B	EL METH-NON MAJ 4-6		03.0 CR	
	PREREQ MUS 200-3 OR EQUIV			
1	10.00	M W F	ALTG 248	MCHUGH CATHERINE
300C	EL METH-NON MAJ K-3		03.0 CR	
	PREREQ MUS 010E-3 OR EQUIV			
1	12.00	M W F	ALTG 248	MCHUGH CATHERINE
302A	MUSIC IN SP E		03.0 CR	
	PREREQ MUS 200 OR EQUIV-NON-MUSIC CON C ONLY			
1	03.00	M W F	ALTG 248	MCHUGH
305I	INSTRUMENTAL PROB		03.0 CR	
1	12.00	M W F	ALTG 106	KOENIGSTEIN NICHOLAS
309A	ARRANGING		02.0 CR	
	PREREQ 105C			
1	12.00	T TH	ALTG 106	KOENIGSTEIN NICHOLAS
2	12.00	T TH	ALTG 248	OLDFIELD
312A	COMPOSITION		02.0 CR	
	PREREQ 205C			
1	TO BE ARRANGED			OLDFIELD WILLARD A
2	TO BE ARRANGED			BOTTJE
318A	CONDUCTING		02.0 CR	
1	08.00	T TH	ALTG 248	STROUD
326A	ANALYSIS		02.0 CR	
	PREREQ 205C			
1	02.00	M W	ALTG 106	BARRUS CLYN D
340	PRIV APP MUS		01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			
See MUS 140 for listing.				
341	ACCOMPANYING LAB		01.0 TO 06.0 CR	
1	01.00	TH	ALTG 301	FRAZEE MARJORIE A
346	OPERA WORKSHOP		02.0 TO 36.0 CR	
1	03.00	T TH	ALTG 115	LAWRENCE MARJORIE
	03.00-04.50	F	ALTG 115	
	07.00-10.00 PM	WTH	ALTG 116	
357A	MUS HIST & LIT		03.0 CR	
	PREREQ MUS 105C OR CONSENT OF INSTRUCTOR			
1	10.00	TWTHF	ALTG 116	KIDD
2	02.00	MTWTH	ALTG 116	KIDD
365A	CHAMBER MUS-VOCAL		01.0 CR	
1	04.00	M W	ALTG 115	KINGSBURY ROBERT W
365B	CHAMBER MUS-STRING		01.0 CR	
1	TO BE ARRANGED			POULOS
2	TO BE ARRANGED			STRAWN
365C	CHAMBER MUS-WOODWIND		01.0 CR	
1	TO BE ARRANGED			RESNICK
2	TO BE ARRANGED			HUSSEY
365D	CHAMBER MUS-BRASS		01.0 CR	
1	TO BE ARRANGED			KOENIGSTEIN
2	02.00	T TH	ALTG 114	NADAF
411A	SYMPHONIC LIT		03.0 CR	
1	01.00	M W F	ALTG 106	BARWICK STEVEN
414	COLLEGIUM MUSICUM		02.0 TO 06.0 CR	
	PREREQ MUSIC CONCENTRATION AND/OR CONSENT OF DEPARTMENT			
1	02.00	T TH	0555	7 BOE
	07.00-09.00 PM	M	0555	7
440	PRIV APP MUS		01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			
See MUS 140 for listing.				
441A	COUNTERPOINT		02.0 CR	
	PREREQ 105C			
1	01.00	T TH	ALTG 106	WERNER WARREN KENT
444A	INTERMEDIATE COMP		02.0 CR	
	PREREQ 312C AND CONSENT OF DEPARTMENT			
1	TO BE ARRANGED			OLDFIELD WILLARD A
2	TO BE ARRANGED			BOTTJE



451	TEACH GEN CLASS MUS	03.0 CR				
1	01.00		M W F	ALTG	248	TAYLOR CHARLES C
468	MUSIC PRODUCTIONS	02.0 TO 12.0 CR				
1	01.00		T F	SHRY	110	WALLACE MARY ELAINE
481	READINGS IN THEORY	02.0 TO 06.0 CR				
1	TO BE ARRANGED					MUELLER ROBERT E
482	READ IN HIST & LIT	02.0 TO 06.0 CR				
1	TO BE ARRANGED					BOE
483	READ IN MUS EDUC	02.0 TO 06.0 CR				
1	TO BE ARRANGED					GORDON RODERICK D
499	INDEPENDENT STUDY	01.0 TO 12.0 CR				
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					GORDON RODERICK D
501	INT GRAD ST IN MUS	03.0 CR				
1	12.00		M W F	LIB	217	
502A	ANALYTIC TECHNIQUES	02.0 CR				
1	02.00		T TH	ALTG	106	MUELLER ROBERT E
504	MID AGES & REN MUSI	03.0 CR				
1	02.00		M W F	ALTG	115	BOE
531	ADV COMPOSITION	02.0 TO 09.0 CR				
	PREREQ 312C, 342C, AND CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					BOTTJE
540	PRIV APP MUS	01.0 TO 04.0 CR				
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT					

See MUS 140 for listing.

556	ADV CONDUCTING	02.0 TO 06.0 CR				
1	TO BE ARRANGED					STROUD JAMES H
2	TO BE ARRANGED					SIENER MELVIN L
3	01.00		T	ALTG	115	KINGSBURY ROBERT W
566	INST ENSEMBLE	01.0 TO 12.0 CR				
1	TO BE ARRANGED					SIENER MELVIN L
2	TO BE ARRANGED					STROUD
567	VOCAL ENSEMBLE	01.0 TO 12.0 CR				
1	TO BE ARRANGED					KINGSBURY ROBERT W
568	OPERA WORKSHOP	02.0 TO 12.0 CR				
1	03.00		T TH	ALTG	115	LAWRENCE MARJORIE
	03.00-04.50		F	ALTG	115	
	07.00-10.00 PM		WTH	ALTG	116	LAWRENCE MARJORIE
598	GRADUATE RECITAL	06.0 CR				
1	TO BE ARRANGED					GORDON RODERICK D
599	THESIS	03.0 TO 09.0 CR				
1	TO BE ARRANGED					GORDON RODERICK D

### Philosophy (PHIL)

300	ELEM METAPHYSICS	04.0 CR				
1	01.00		MTWTH	LAWSON	101	KELLY
320	DEDUCTIVE LOGIC	04.0 CR				
1	02.00		MTWTH	H EC	201	CLARKE DAVID S
389	EXISTENTIAL PHIL	03.0 CR				
1	09.00		M W F	H EC	208	GILLAN GARTH J
415	LOGIC OF SOCIAL SCI	03.0 CR				
1	11.00		M W F	H EC	202	MCCLURE GEORGE T
471A	CLASSIC GRK PHIL	04.0 CR				
	PREREQ 381 OR CONSENT OF DEPT					
1	03.00		MTWTH	H EC	208	KELLY
472B	17TH CENTURY PHIL	04.0 CR				
	PREREQ 383 OR CONSENT OF DEPT					
1	10.00		MTWTH	H EC	203	AUDI
474A	19TH CENTURY PHIL	04.0 CR				
	PREREQ 306 OR CONSENT OF DEPT					
1	07.00-09.00 PM		T TH	H EC	122	
477	LATIN AM PHILOSOPHY	04.0 CR				
1	07.00-09.30 PM		T	H EC	208	FRONDIZI
490	SPECIAL PROBLEMS	02.0 TO 12.0 CR				
	PREREQ CONSENT OF INST REQ IN ALL CASES					
1	TO BE ARRANGED					HAHN



2	04.00-06.30	F	H EC	211	BARGEBUHR
SECT 2 TOPIC-JEWISH PHILOSOPHY					
497A	HONORS			04.0 CR	
	PREREQ QUALIFICATION FOR HONORS				
1	03.00-05.30	W	H EC	122A	DIEFENBECK
524	ANALYTIC PHIL			04.0 CR	
1	04.00-06.30	T	H EC	211	EAMES E
542	POLITIC&LEGAL PHIL			04.0 CR	
1	04.00-05.30	M W	H EC	208	LEYS
560	AESTHETICS			04.0 CR	
1	04.00-06.30	W	H EC	211	HAHN
570	AMERICAN IDEALISM			04.0 CR	
1	07.00-09.30 PM	W	H EC	201	HOWIE
572	20TH CENTURY PHIL			04.0 CR	
1	04.00-06.30	T	H EC	208	SCHILPP
575A	PHENOMEN&EXIST PHIL			04.0 CR	
1	07.00-09.30 PM	W	H EC	211	GILLAN
582	ARISTOTLE			04.0 CR	
1	07.00-09.30 PM	W	H EC	208	PLOCHMANN G K
590	GEN GRAD SEMINAR			02.0 TO 16.0 CR	
1	TO BE ARRANGED				HAHN
2	04.00-06.30	M	H EC	211	
	TOPIC-LANG AND PHIL METHOD,			4 CR	
3	07.00-09.30 PM	M	H EC	208	EAMES M
	TOPIC-JAMES, 04.0 CR				
591	READINGS IN PHIL			01.0 TO 05.0 CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				HAHN LEWIS EDWIN
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				HAHN LEWIS EDWIN
600	DISSERTATION			03.0 TO 48.0 CR	
1	TO BE ARRANGED				HAHN LEWIS EDWIN

# Physical Education for Men (PEM)

100A	M TEACH SWIMMING			02.0 CR	
1	11.25-12.15	M W F	PULL P	11	ESSICK RAY
	10.00		NKRS C	116	
2	12.15-01.00	M W F	PULL P	11	
	10.00		NKRS C	116	
100B	M TEACH GOLF			01.0 CR	
1	08.00-09.50	M TH	ARENA	555	HOLDER LYNN C
2	08.00-09.50	T F	ARENA	555	HOLDER LYNN C
	PEM 100B MEETS FIRST NINE WEEKS ONLY				
100C	M TEACH TENNIS			01.0 CR	
1	08.00-09.50	M W	TENNIS	100	
2	08.00-09.50	T TH	TENNIS	100	
3	02.00	M WTH	TENNIS	100	
	PEM 100C MEETS FIRST NINE WEEKS ONLY				
100D	M TCH IND-TEAM ACT			01.0 CR	
1	08.00-09.50	M W	ARENA	555	
2	10.00-11.50	M W	ARENA	555	
	PEM 100D MEETS FIRST NINE WEEKS ONLY				
100E	M TCH BASIC RHYTHMS			01.0 CR	
1	10.00	M W	ARENA	555	FRANKLIN C C JR
100F	M TEACH EXERCISE			02.0 CR	
1	12.00	M	ARENA	123	
	12.00	TW F	ARENA	555	
100G	M TEACH FOOTBALL			02.0 CR	
1	09.00	MTWTH	ARENA	555	
	PEM 100G MEETS FIRST NINE WEEKS ONLY				
100H	M TEACH BASKETBALL			02.0 CR	
1	11.00	M W F	ARENA	555	IUBELT GEORGE
	11.00	T	ARENA	123	
2	01.00	M W F	ARENA	555	IUBELT GEORGE
	01.00	T	ARENA	125	
100I	M TEACH BASEBALL			02.0 CR	
1	01.00-02.50	T TH	ARENA	555	JONES RICHARD C
100J	M TEACH TRACK-FIELD			02.0 CR	
1	10.00	MTWTH	ARENA	555	HARTZOG LEWIS B
2	11.00	MTWTH	ARENA	555	HARTZOG LEWIS B
3	12.00	MTWTH	ARENA	555	HARTZOG LEWIS B

100K	M	TEACH GYMNASTICS		02.0	CR	
1		09.00	MTWTH	ARENA	555	MEADE WILLIAM T
100M	M	TEACH WRESTLING		02.0	CR	
1		10.00	MT TH	ARENA	555	LONG LINN L
		10.00	W	ARENA	125	LONG LINN L
101		ORIENT-PRACT P E		02.0	CR	
1		12.00	W F	ARENA	123	MARTIN MORRIS GLENN
2		12.00	T TH	ARENA	123	MARTIN MORRIS GLENN
3		01.00	W F	ARENA	123	MARTIN MORRIS GLENN
170		VARSITY FOOTBALL		02.0	CR	
1		03.00	MTWTHF	ARENA	555	TOWERS RICHARD E
178		VARSITY CROSS COUNT		02.0	CR	
1		03.00	MTWTHF	ARENA	555	HARTZOG LEWIS B
220		REC ACT OUTDOOR		01.0	CR	
1		12.00-01.30	T TH	ARENA	555	
		MEETS FIRST NINE WEEKS ONLY				
230A		BEGIN TECH BALLET		02.0	CR	
1		04.00	F	GYM	206	
		04.00-05.50	M W	GYM	206	
		CROSSLISTED WITH PEW AND THEA 230A				
303A		KINESIOLOGY		03.0	CR	
		PREREQ	GSA 101A, PHSL 300, GSA 301			
1		11.00	M W F	LAWSON	121	GOOD LARRY
		11.00-12.50	T	TECH A	405A	
2		11.00	M W F	LAWSON	121	
		11.00-12.50	TH	TECH A	405A	
		CROSSLISTED WITH PEW 303				
305		PE-ATYPICAL STUDENT		03.0	CR	
		PREREQ	PHSL 300			
1		10.00	T TH	ARENA	125	
		ADDITIONAL HR TBA				
2		03.00	T TH	ARENA	125	
		ADDITIONAL HR TBA				
317		LIFE SAV&WATER SAFE		01.0	CR	
1		10.00-11.30	T TH	PULL P	11	CARROLL PETER J
		01.00	W	TECH A	422	
		CROSSLISTED WITH PEW 317				
320		PHSL MUSCULAR ACT		04.0	CR	
		PREREQ	GSA 301			
1		01.00	M WTH	ARENA	125	
		01.00-02.50	T	TECH A	405A	
2		01.00	M WTH	ARENA	125	
		02.00-03.50	TH	TECH A	405A	
330A		TH BASKETBALL COACH		02.0	CR	
		PREREQ	100H			
1		10.00	T TH	ARENA	123	LAMBERT PAUL M
330B		THED FOOTBALL COACH		02.0	CR	
		PREREQ	PEM 217			
1		08.00	MTW	ARENA	123	TOWERS RICHARD E
		PEM 330B MEETS FIRST NINE WEEKS ONLY				
341		PRIN OF P E		03.0	CR	
		PREREQ	SENIOR STANDING			
1		02.00	M W F	ARENA	125	SHEA
350		M-M TEACH PE EL SCH		03.0	CR	
1		09.00	MTWTH	ARENA	125	FRANKLIN C C JR
2		01.00	MTW F	ARENA	121	FRANKLIN C C JR
354		ORG-ADM PHY ED-ATHL		03.0	CR	
1		03.00	M W F	ARENA	125	STOTLAR
355		ASSISTING TECH		02.0	CR	
1		08.00	F	ARENA	125	
		ADDITIONAL MEETING TBA				
2		06.00	PM M	ARENA	125	WILKINSON JAMES J
370		TESTS MEAS PHY ED		04.0	CR	
1		08.00	M W	LAWSON	121	
		08.00	F	LAWSON	101	
		08.00-09.50	T	TECH A	405A	
2		08.00	M W	LAWSON	121	
		08.00	F	LAWSON	101	
		08.00-09.50	TH	TECH A	405A	
376		CARE-PREV ATH INJ		03.0	CR	
		PREREQ	PHSL 300			

1	12.00	MTWTH	ARENA	125	SPACKMAN ROBERT R JR
402	O-A INTRA & EX ACT			04.0 CR	
1	07.00-09.30 PM	T	ARENA	123	WILKINSON JAMES J
	CROSSLISTED WITH PEW 402				
420	EFFECTS MOTOR ACTIV			04.0 CR	
1	07.00-09.30 PM	T	ARENA	125	
475A	IND RES-DANCE			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475A				
475B	IND RES-KINESIOLOGY			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475B				
475C	IND RES-MEASUREMENT			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475C				
475D	IND RES-MOTOR DEVEL			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475D				
475E	IND RES-PHSL OF EX			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475E				
475F	IND RES-HIST & PHIL			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475F				
500	TECH RESEARCH			04.0 CR	
1	07.00-09.30 PM	M	GYM	204	KNOWLTON RONALD G
	CROSSLISTED WITH PEW 500				
501	CURRICULUM IN PE			04.0 CR	
1	07.00-09.30 PM	W	GYM	204	
504	RESEARCH PROJECTS			04.0 CR	
	PREREQ 500 OR EQUIV				
1	TO BE ARRANGED				
510	MOTOR DEVELOPMENT			04.0 CR	
1	05.00	MTWTH	GYM	204	POTTER
	CROSSLISTED WITH PEW 510				
511	ANLY HUM PHYS MOVE			04.0 CR	
	PREREQ PEM 303				
1	07.00-09.30 PM	TH	ARENA	125	GOOD LARRY
	CROSSLISTED WITH PEW 511				
525	READING IN P E			01.0 TO 06.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 525				
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 599				
600	DISSERTATION			02.0 TO 48.0 CR	
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 600				

# Physical Education for Women (PEW)

114	SPEEDBALL			01.0 CR	
1	08.00-09.30	T TH	GYM	208	WOOD SHIRLEY JEAN
2	09.00-10.30	M W	GYM	208	BRECHTELSBAUER KAY
3	12.00-01.30	T TH	GYM	208	BRECHTELSBOUER
4	02.00-03.30	T TH	GYM	114	WOOD
212	BEG CONTEMP DANCE			01.0 CR	
1	09.00	M W F	0813	101	DAVIDSON ELLEVA J
2	01.00	M W F	GYM	208	LITHERLAND BARBARA A
222	FOLK DANCING			01.0 CR	
1	08.00	M W F	GYM	207	LITHERLAND BARBARA A
2	12.00	M W F	GYM	114	LITHERLAND BARBARA A
3	07.00-08.30 PM	M W	GYM	208	LITHERLAND BARBARA A
230A	BEGIN TECH BALLET			02.0 CR	
1	04.00-05.50	M W	GYM	206	LEWIS NANCY E
	04.00	F	GYM	206	
	CROSSLISTED WITH THEA & PEM				
230B	INTERMED&ADV BALLET			02.0 TO 22.0 CR	
	PREREQ PEW 230A OR CONSENT OF INSTR				
1	05.00-06.30	T TH	GYM	206	SOOK
	05.00	F	GYM	206	
	CROSSLISTED WITH THEA				

240	THEO-TECH CONT DNCE		02.0	CR	
1	10.00-11.50	MTWTH	0813	101	GRAY WINSTON G
	CROSSLISTED WITH THEA & PEM				
244	HOCKEY		01.0	CR	
1	09.00-10.30	T TH	GYM	208	STEHRE JEAN
2	01.00-02.30	T TH	GYM	208	ILLNER JULEE
273	DANCE WORKSHOP		01.0	TO 06.0	CR
1	05.30-07.30	T TH	0813	101	LEWIS NANCY E
2	07.30-09.30 PM	T TH	0813	101	SOOK
	CROSSLISTED WITH THEA				
304A	TECH-TEACH SPORTS		02.0	CR	
	PREREQ PEW 114				
1	10.00-11.50	W F	GYM	208	THORPE JOANNE LEE
2	11.00-12.30	W F	GYM	207	BRECHTELSBAUER KAY
304B	TECH-TEACH SPORTS		02.0	CR	
	PREREQ PEW 244				
1	10.00-11.50	T TH	GYM	208	ILLNER JULEE
2	11.00-12.50	W F	GYM	208	ILLNER
311A	TH OFFIC BASKETBALL		01.0	CR	
1	09.00	F	GYM	204	BRECHTELSBAUER KAY
312	HIST PHIL OF DANCE		04.0	CR	
1	01.00	MTWTH	GYM	204	DAVIDSON ELLEVA J
317	LIFE SAV WATER SAFE		01.0	CR	
	PREREQ PASS INTERMED SWIM TEST				
1	10.00-11.30	T TH	PULL P	11	
	01.00	W	TECH A	422	
319	TCHG ELEM SCH ACT		04.0	CR	
	PREREQ PSYC 301 OR GUID 305				
1	08.00	MTWTH	GYM	114	POTTER
2	09.00	MT THF	GYM	114	ZIMMERMAN
3	09.00	TWTHF	GYM	207	COOPER CAROL
4	11.00	MTWTH	GYM	208	ZIMMERMAN HELEN
5	04.00-05.30	T TH	GYM	208	SEELER
6	04.00-05.30	M W	GYM	208	FRANKLIN
7	05.45-07.15	T TH	GYM	208	COTTEN SARAH ELLEN
352	HISTORY OF PHYS ED		02.0	CR	
1	09.00	MTWTH	GYM	204	DAVIES DOROTHY R
2	02.00	MTWTH	GYM	204	DAVIES
	MEETS FIRST SIX WEEKS				
354	PRIN OF PHYS ED		02.0	CR	
1	09.00	MTWTH	GYM	204	DAVIES DOROTHY R
2	02.00	MTWTH	GYM	204	DAVIES
	MEETS LAST 6 WEEKS				
370	TESTS MEAS PHY ED		04.0	CR	
1	08.00	MTWTH	GYM	204	WEST CHARLOTTE
2	08.00	MTWTH	GYM	203	ILLNER JULEE
402	2-A INTRA & EX ACT		04.0	CR	
1	07.00-09.30 PM	T	ARENA	123	WILKINSON JAMES J
	CROSSLISTED WITH PEM				
420	EFFECTS MOTOR ACTIV		04.0	CR	
1	07.00-09.30 PM	T	ARENA	125	KNOWLTON
	ADDITIONAL HRS TBA				
475A	IND RES-DANCE		02.0	TO 04.0	CR
1	TO BE ARRANGED				
475B	IND RES-KINESIOLOGY		02.0	TO 04.0	CR
1	TO BE ARRANGED				
475C	IND RES-MEASUREMENT		02.0	TO 04.0	CR
1	TO BE ARRANGED				
475D	IND RES-MOTOR DEVEL		02.0	TO 04.0	CR
1	TO BE ARRANGED				
475E	IND RES-PHSL OF EX		02.0	TO 04.0	CR
1	TO BE ARRANGED				
475F	IND RES-HIST & PHIL		02.0	TO 04.0	CR
1	TO BE ARRANGED				
500	TECH OF RESEARCH		04.0	CR	
	PREREQ PEW 400 OR CONCURRENT ENRIN				
	PEW 400				
1	07.00-09.30 PM	M	GYM	204	ZIMMERMAN
	CROSSLISTED WITH PEM				

501	CURRICULUM IN P E	04.0 CR	
1	07.00-09.30 PM W GYM	204	DAVIES
	CROSSLISTED WITH PEM		
510	MOTOR DEVELOPMENT	04.0 CR	
1	05.00 MTWTH GYM	204	POTTER
	CROSSLISTED WITH PEM 510		
511	ONLY HUM PHYS MOVE	04.0 CR	
	PREREQ PEW 303		
1	07.00-09.30 PM TH ARENA	125	GOOD LARRY
	CROSSLISTED WITH PEM		
525	READINGS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	02.0 TO 48.0 CR	
1	TO BE ARRANGED		

# **Physics (PHYS)**

111A	COLLEGE PHYS-HONORS	03.0 CR	
	PREREQ ADV STANDING IN MATH 111A & CO NSENT OF DEPT		
1	02.00 TWTHF	PARK	308 ZIMMERMAN J R
2	02.00 TWTH	PARK	308
	02.00 M	PARK	308
112A	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 111		
1	01.00-03.50 M	NKRS C	403
2	06.00-08.50 PM M	NKRS C	403
206A	COLLEGE PHYSICS	03.0 CR	
	PREREQ MATH 111B		
1	09.00 M WTHF	PARK	308
2	09.00 MTW F	PARK	308
3	01.00 MTW F	PARK	308
4	01.00 M WTHF	PARK	308
206B	COLLEGE PHYSICS	03.0 CR	
	PREREQ PHYS 206A		
1	10.00 M WTHF	PARK	309
206C	COLLEGE PHYSICS	03.0 CR	
	PREREQ PHYS 206A		
1	12.00 MTW F	PARK	309
2	12.00 M WTHF	PARK	309
207A	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 206		
1	08.00-10.50 TH	NKRS C	403
2	02.00-04.50 T	NKRS C	403
3	02.00-04.50 TH	NKRS C	403
4	02.00-04.50 F	NKRS C	403
5	06.00-08.50 PM W	NKRS C	403
207B	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 206		
1	02.00-04.50 T	NKRS C	405
2	02.00-04.50 TH	NKRS C	405
207C	COLLEGE PHYS LAB	01.0 CR	
	PREREQ CONCURRENT ENR IN PHYS 206		
1	09.00-11.50 T	NKRS C	407
2	02.00-04.50 TH	NKRS C	407
211A	UNIVERSITY PHYSICS	03.0 CR	
	PREREQ MATH 150B OR CONC ENROLLMENT		
1	10.00 M WTHF	PARK	308
2	10.00 MTW F	PARK	308
3	10.00 M W F	PARK	308
	10.00 T	PARK	309
4	11.00 M W F	PARK	308
	11.00 T	PARK	309
5	11.00 M W F	PARK	308
	11.00 TH	PARK	308
6	11.00 M W F	PARK	308
	11.00 T	PARK	308



7	06.00-07.25 PM	M W	PARK	308	
	12.00	TH	PARK	308	
8	06.00-07.25 PM	M W	PARK	308	
	11.00	TH	PARK	309	
211B	UNIVERSITY PHYSICS			03.0	CR
	PREREQ	PHYS 211A			
1	09.00	M WTHF	PARK	309	
2	09.00	MTW F	PARK	309	
211C	UNIVERSITY PHYSICS			03.0	CR
	PREREQ	PHYS 211A			
1	01.00	M W F	PARK	309	
	01.00	T	PARK	309	
2	01.00	M W F	PARK	309	
	01.00	TH	PARK	309	
212A	UNIVERSITY PHYS-LAB			01.0	CR
	PREREQ	CONCURRENT ENRL IN PHYS 211			
1	08.00-10.50	T	NKRS C	403	
2	09.00-11.50	S	NKRS C	403	
3	10.00-12.50	T	NKRS C	403	
4	11.00-01.50	TH	NKRS C	403	
5	11.00-01.50	F	NKRS C	403	
6	02.00-04.50	W	NKRS C	403	
7	06.00-08.50 PM	TH	NKRS C	403	
8	06.00-08.50 PM	T	NKRS C	403	
212B	UNIVERSITY PHYS-LAB			01.0	CR
	PREREQ	CONCURRENT ENRL IN PHYS 211			
1	08.00-10.50	T	NKRS C	405	
2	08.00-10.50	TH	NKRS C	405	
212C	UNIVERSITY PHYS-LAB			01.0	CR
	PREREQ	CONCURRENT ENRL IN PHYS 211			
1	09.00-11.50	TH	NKRS C	407	
2	02.00-04.50	T	NKRS C	407	
300	INTRO MODERN PHYS			04.0	CR
	PREREQ	PHYS 111 OR 206 OR 211			
1	03.00	MT F	PARK	309	CHANG-FANG CHUEN-C
	04.00	T	PARK	309	
	03.00-05.50	W	NKRS C	404	
2	03.00	MT F	PARK	309	CHANG-FANG CHUEN-C
	04.00	T	PARK	309	
	03.00-04.50	TH	NKRS C	404	MARSHALL LAURISTON
302	ASTRONOMY - HONORS			03.0	CR
	PREREQ	MATH 150B & ONE-A101A, PHYS 111 A, 206A, 211A, OR CONSEN			
1	03.00	M W F	NKRS A	278	BEERS BRIAN
304	THERMODYNAMICS			03.0	CR
1	12.00	M W F	PARK	301	CUTNELL JOHN D
305A	INTRO ELEC THEORY			03.0	CR
	PREREQ	MATH 305A OR CONS INSTR & PHYS 111 OR 206 OR 211			
1	02.00	M W F	PARK	309	PEARSON EDWIN F
309	ELECTRIC CIRCUITS			03.0	CR
	PREREQ	PHYS 111C OR 206C OR 211C			
1	01.00	M W F	TECH A	122	
401	MECHANICS II			03.0	CR
	PREREQ	PHYS 301, MATH 455C OR CONSENT OF INSTR			
1	03.00	M W F	TECH A	122	CARRELL JOHN CRAIG
415B	MODERN PHYSICS			03.0	CR
	PREREQ	PHYS 415A			
1	10.00	M W F	NKRS A	278	SCHLECHT RICHARD G
418	MOD PHYSICS LAB			01.0 TO 04.0	CR
1	TO BE ARRANGED				PEARSON EDWIN F
420	SPECIAL PROJECTS I			02.0 TO 05.0	CR
	PREREQ	PHYS 301 AND 305			
1	TO BE ARRANGED				
449A	SERV INST-PHYS TEAC			01.0	CR
1	09.00-11.50	S	PARK	301	NICKELL WM E
504A	X-RAY DIFF LAT DYN			04.0	CR
	PREREQ	GRAD STANDING			
1	11.00	M W	TECH B	143	

	10.00-11.50	TH	TECH B	143	
	CROSSLISTED WITH AP S 504A				
510A	CLASSICAL MECHANICS			03.0 CR	
	PREREQ PHYS 401				
1	10.00	M W F	NKRS A	458	ZITTER ROBERT N
511A	MATH METH OF PHYS			03.0 CR	
	PREREQ MATH 455C OR EQUIV OR CONSENT OF INSTR				
1	11.00	M W F	NKRS C	410	
520	SPECIAL PROJECTS			02.0 TO 05.0 CR	
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
530A	ELECTROMAG THEORY			03.0 CR	
	PREREQ PHYS 305				
1	09.00	M W F	NKRS C	410	JOHNSON KENNETH W
531A	QUANTUM MECHANICS			03.0 CR	
	PREREQ MATH 455C, PHYS 415 OR CONSENT OF INSTR				
1	12.00	M W F	NKRS A	458	HENNEBERGER W C
532A	ADV QUANTUM MECH			03.0 CR	
	PREREQ PHYS 531 AND CONSENT OF INSTR				
1	11.00	M W F	NKRS A	458	
550A	AT AND MOL SPECTRA			03.0 CR	
	PREREQ PHYS 531 AND CONSENT OF INSTR				
1	12.00	M W F	NKRS C	410	
560A	STAT MECHANICS			03.0 CR	
	PREREQ CONSENT OF INSTR				
1	08.00	M W F	NKRS A	458	BOSE SUBIR K
570A	SOLID STATE PHYS			03.0 CR	
	PREREQ PHYS 531 AND CONSENT OF INSTR				
1	10.00	M W F	NKRS C	410	FOGLIO MARIO E
575	GRAD SEMINAR			01.0 TO 04.0 CR	
1	08.00-09.50	T TH	NKRS C	410	
580	SEL TOPICS PHYS			03.0 TO 06.0 CR	
1	TO BE ARRANGED				
592	COLLOQUY IN MOL SCI			01.0 CR	
1	04.00-05.50	M	NKRS B	440	
597	SPEC TOPICS-MOL SCI			03.0 TO 45.0 CR	
	PREREQ ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST				
1	TO BE ARRANGED				
598	SPEC PROJ-MOL SCI			03.0 TO 25.0 CR	
	PREREQ ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST				
1	TO BE ARRANGED				
599	THESIS			01.0 TO 09.0 CR	
1	02.00	T TH	NKRS C	410	
600	DISSERTATION			01.0 TO 48.0 CR	
	PREREQ ADMISSION TO ADVANCED STUDY IN MOLECULAR SCIENCE				
1	03.00-04.50	T TH	NKRS C	410	

# **Physiology (PHSL)**

300	HUMAN ANATOMY			04.0 CR	
1	11.00	MTWTH	LS I	16	FOOTE
2	01.00	MTWTH	LS I	16	MICKUS
410A	ADVANCED ANATOMY			05.0 CR	
	PREREQ CONSENT OF INSTR				
1	02.00-03.50	M WTHF	LS I	130	FOOTE FLORENCE
	CONSENT OF INSTRU REQ				
415A	EXP ANIMAL SURGERY			04.0 CR	
1	10.00-11.50	M W F	LS I	118	KAPLAN
417A	PRIN PHARMACOLOGY			03.0 CR	
	PREREQ BASIC COURSES IN CHEM AND BIO SCIENCE				
1	08.00	M W	LS II	146	GASS GEORGE HIRAM
	10.00-11.50	F	LS II	158	
2	08.00	M W	LS II	146	GASS GEORGE HIRAM
	10.00-11.50	T	LS II	158	
430A	CELLULAR PHYSIOLOGY			04.0 CR	
1	11.00	M W F	LS II	130	DUNAGAN TOMMY TOLSON

	02.00-03.50	T	LS I	120	
433	COMPAR PHYSIOLOGY		04.0	CR	
1	01.00	M W F	LS II	146	MILLER DONALD M
	02.00-03.50	M	LS I	120	
450	SPECIAL PROBLEMS		04.0 TO 16.0	CR	
	PREREQ CONSENT OF DEPT				
1	02.00-03.50	M W F	LS I	113	
	08.00-09.50	S	LS I	113	
460A	MAMMALIAN PHSL			05.0	CR
	PREREQ ADEQUATE BIOSCIENCES, CHEM				
1	08.00	M W F	LS I	113	KAPLAN H M
	08.00-09.50	T TH	LS I	113	
2	08.00	M W F	LS I	113	KAPLAN H M
	09.00-10.50	M W	LS I	113	
465A	BIOPHYSICS			03.0	CR
	PREREQ 1 YR OF PHYSICS				
1	09.00	M W F	LS II	243	RICHARDSON ALFRED W
471A	BIOPHYS INST			03.0	CR
	PREREQ 1 YR OF PHYSICS AND CONSENT OF INSTR				
1	10.00	T THF	LS II	243	RICHARDSON ALFRED W
500	ADV SEMINAR		01.0 TO 09.0	CR	
1	04.00	W	LS II	146	
520A	PHSL TECHNIQUES			03.0	CR
	PREREQ UNDERGRAD MAJOR IN ANY BIO OR PHYSICAL SCIENCE				
1	02.00-03.50	M W F	LS I	117	WARNER
521	PHYSIOLOGY READINGS		01.0 TO 06.0	CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS		03.0 TO 09.0	CR	
1	03.00-04.50	MTWTHF	LS I	111	
600	DISSERTATION		04.0 TO 36.0	CR	
1	03.00-04.50	MTWTHF	LS I	111	

### Presidents Scholars (PR S)

351A	HONORS SEMINAR		03.0 TO 12.0	CR	
1	TO BE ARRANGED				PETERSEN
	POPULATION PROBLEMS				
2	02.00-03.30	T TH	TECH A	122	MICKUS
	HUMAN ORGANISM-RECENT ADVS IN MED SCI				
351B	HONORS SEMINAR		03.0 TO 12.0	CR	
1	03.00-04.30	M W	CL	25	ALLEN
	CONTEMP MORAL & POLIT ISSUES IN U.S.				
2	07.00-08.30 PM	T TH	H EC	122A	MITCHELL
	SOCIOLOGICAL & CULTURAL BACKGROUND OF SOUTHERN ILL.				
351C	HONORS SEMINAR			03.0	CR
1	TO BE ARRANGED				
	MUSIC-NEW USES AND FORMS				
399	HONORS PROJECT		02.0 TO 15.0	CR	
	PREREQ CONSENT OF PRES SCHOLAR PROGRA M				
1	TO BE ARRANGED				
499	UNDERGRAD HON THES		03.0 TO 09.0	CR	
	PREREQ APPROVAL OF PRES SCHOL PROG & DEPTS CONCERNED				
1	TO BE ARRANGED				

### Plant Industries (PL I)

109	PRIN-FIELD CROP PRO				04.0	CR	
1	10.00	M W F	AG	166	ELKINS DONALD M		
	10.00-11.50	TH	AG	171			
2	10.00	M W F	AG	166	ELKINS DONALD M		
	01.00-02.50	TH	AG	171			
3	10.00	M W F	AG	166	ELKINS DONALD M		
	10.00-11.50	T	AG	171			
264	GEN HORTICULTURE				04.0	CR	
1	08.00	MTW	AG	168	HILLYER IRVIN GEORGE		
	08.00-09.50	F	AG	181			

2	08.00	MTW	AG	168	HILLYER IRVIN GEORGE
	10.00-11.50	F	AG	181	
301	SOIL SCIENCE			05.0	CR
	PREREQ GSA 101B				
1	11.00	MTWTH	AG	168	
	10.00-11.50	F	AG	167	VAVRA JOSEPH
2	11.00	MTWTH	AG	168	CASTER ALFRED B
	03.00-04.50	F	AG	167	SATCHELL DONALD
304A	LANDSCAPE DESIGN			03.0	CR
1	01.00	M W F	AG	170	COORTS GERALD D
304B	LANDSCAPE DESIGN			02.0	CR
	PREREQ PL I 304A OR CONCURRENT ENROLLMENT				
1	01.00-02.50	T TH	AG	195	
306A	SOIL & WATER CONS			03.0	CR
	PREREQ PL I 301				
1	11.00	M W F	AG	166	SATCHELL DONALD P
306B	SOIL & WATER CONS			02.0	CR
	PREREQ PL I 306A OR CONCURRENT ENR IN 306A				
1	11.00-12.50	T TH	AG	195	SATCHELL DONALD
2	03.00-04.50	T TH	AG	195	SATCHELL
	CROSSLISTED WITH AG I 306B				
3	03.00-04.50	T TH	AG	181	SATCHELL
310	MORPH OF CROP PLANT			04.0	CR
	PREREQ GSA 201B OR EQUIVALENT				
1	03.00	M W F	AG	181	ELKINS DONALD M
	03.00-04.50	T	AG	181	
344	GEN FLORICULTURE			04.0	CR
	PREREQ PL I 264 OR CONSENT OF DEPARTMENT				
1	08.00	M W F	AG	170	COORTS GERALD D
	08.00-09.50	T	AG	181	
359	INTERN PROGRAM			03.0 TO 05.0	CR
	PREREQ JR STANDING				
1	TO BE ARRANGED				
381	PLANT SCIENCE SEM			01.0 TO 02.0	CR
	PREREQ SENIOR STANDING				
1	04.00	T	AG	170	HILLYER
390	SPEC STUD PLANTS			01.0 TO 06.0	CR
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	08.00-11.50	S	AG	171	LEASURE JOHN K
391	HONORS IN PLANT IND			01.0 TO 06.0	CR
	PREREQ JR STAND, 4.0 GPA & 4.25 IN MAJ & CONSENT OF DEPT CHM				
1	TO BE ARRANGED				
404	TURF MANAGEMENT			03.0	CR
	PREREQ GSA 201B				
1	10.00	M W	AG	116	TWEEDY JAMES A
	10.00-11.50	TH	AG	181	
408	WORLD CROP PRODUCT			04.0	CR
	PREREQ PL I 309				
1	02.00	M W F	AG	220	PORTZ HERBERT L
	01.00-02.50	T	AG	220	
418	WEEDS-THEIR CONTROL			04.0	CR
	PREREQ GSA 201B OR CONCURRENT ENROLLMENT				
1	09.00	M W F	AG	220	LEASURE JOHN K
	08.00-09.50	TH	AG	171	
438	ADV STUD-VEGET CROP			03.0	CR
	PREREQ PL I 264, BOT 320, OR CONSENT OF DEPARTMENT				
1	11.00	MTW	AG	170	
507	ADV SOIL FERTILITY			03.0	CR
	PREREQ PL I 407A				
1	04.00	MT F	AG	155	VAVRA JOSEPH
518	PRIN-HERBICIDE ACT			04.0	CR
	PREREQ BOT 320, PL I 418				
1	04.00	MT THF	AG	171	TWEEDY JAMES

520	READINGS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
575	RESEARCH	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
2	TO BE ARRANGED		
3	TO BE ARRANGED		
581	SEMINAR	01.0 TO 06.0 CR	
1	04.00	W AG 181	VAVRA JOSEPH
590	SPEC STUDIES-PL I	01.0 TO 04.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		

### Psychology (PSYC)

211A	PRIN-METH OF PSYC	04.0 CR	
	PREREQ GSB 201C		
1	08.00	M W F LS I 323	RADTKE ROBERT C
	08.00-09.50	T LS II 69	
2	08.00	M W F LS I 323	RADTKE ROBERT C
	08.00-09.50	TH LS II 69	
3	01.00	M WTH LS I 16	
	01.00-02.50	T LS II 69	
4	01.00	M WTH LS I 16	
	01.00-02.50	F LS II 69	
211B	PRIN-METH OF PSYC	04.0 CR	
	PREREQ PSYC 211A		
1	11.00	M W F LS I 323	PITZ GORDON F
	10.00-11.50	T LS II 224	
2	11.00	M W F LS I 323	PITZ GORDON F
	10.00-11.50	TH LS II 224	
301	CHILD PSYCH	04.0 CR	
	PREREQ GSB 201C		
1	08.00	TWTHF LAWSON 131	SOMERVILL JOHN W
2	02.00	MTWTH LAWSON 131	WENDT
3	03.00-04.50	T TH LAWSON 131	O'DONNELL
303	ADOLESCENT PSYCH	04.0 CR	
	PREREQ GSB 201C		
1	12.00	MTWTH LAWSON 131	WENDT RACHEL
305	PSYCH PERSONALITY	04.0 CR	
	PREREQ GSB 201C		
1	08.00	TWTHF WHAM 308	HNATIONW
2	12.00	M WTHF LAWSON 101	ANTHONY
3	01.00	M WTHF LAWSON 131	MACLEAN
307	SOCIAL PSYCHOLOGY	04.0 CR	
	PREREQ GSB 201C		
1	09.00	M WTHF WHAM 308	
2	11.00	M WTHF LAWSON 131	MCNEEL STEVEN P
3	03.00-04.50	T TH LAWSON 221	MITCHELL
311	EXP PSYCH LEARN	04.0 CR	
	PREREQ PSYC 211B		
1	08.00	MT TH AG 188	MELTZER DONALD
	08.00-09.50	W LS II 69	
2	01.00	M W F LS II 330	SCHMECK RONALD R
	01.00-02.50	TH LS II 69	
312	EXP PSYC PERCEP	04.0 CR	
	PREREQ PSYC 211B		
1	10.00-11.50	W F LS II 228	LIT ALFRED
313	EXP PSYC MOTIV	04.0 CR	
	PREREQ PSYC 211B		
1	03.00	T THF AG 144	SCHMECK RONALD R
	02.00-03.50	M LS II 69	
314	EXP PSYC - PHSL	04.0 CR	
	PREREQ GSA 201 OR GSB 201C OR GSA 301		
1	11.00	M W F LS II 430	LEVITT ROBERT A
	10.00-11.50	TH LS II 69	
315	EXP PSYC-COG PROCES	04.0 CR	
	PREREQ PSYC 211B		
1	10.00	M W F LS II 250	PITZ GORDON
	10.00-11.50	TH LS II 278	



320	INDUSTRIAL PSYCH			04.0 CR	
	PREREQ GSB 201C				
1	11.00	MT THF	AG	224	WESTBERG WILLIAM C
2	03.00-04.50	T TH	LS I	205	WESTBERG WILLIAM C
399B	RES & INV - HONORS			02.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	10.00-11.50	T	LS II	228	EHRENFREUND DAVID
408	TH OF MOTIVATION			04.0 CR	
	PREREQ PSYC 211B OR CONSENT OF INSTR				
1	01.00-02.50	M TH	LS II	228	EHRENFREUND DAVID
421	PSYCH TESTS & MEAS			04.0 CR	
	PREREQ 8 HRS OF PSYC				
1	09.00-10.50	T TH	0862	101	ANTHONY
431	PSYCHOPATHOLOGY			04.0 CR	
	PREREQ PSYC 305 OR CONSENT OF INSTR				
1	10.00	TWTHF	PARK	111	HNATIOW MICHAEL JR
440	TH OF PERSONALITY			04.0 CR	
	PREREQ PSYC 305 OR CONSENT OF INSTR				
1	09.00	MTW F	LS I	205	HARREN VINCENT A
451	ADVANCED CHILD PSYC			04.0 CR	
	PREREQ PSYC 211B, AND 301 OR CONSENT OF INSTRUCTOR				
1	03.00-04.50	M W	AG	148	ODONNELL JAMES P
465	GRP DYN-IND BEHAV			04.0 CR	
	PREREQ PSYC 307 OR CONSENT OF INSTR				
1	01.00-02.50	M TH	AG	224	MCNEEL STEVEN P
467	PSYC OF BLK AMER			04.0 CR	
	PREREQ GSB 201C, PSYC 307				
1	03.00-04.50	M W	COMM	1021	MITCHELL THOMAS O
490	INDEPEN PROJECTS		01.0 TO 16.0 CR		
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
495	SELECTED TOPICS		01.0 TO 18.0 CR		
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
510	HISTORY & SYSTEMS			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	08.00	TWTHF	LS II	228	MCHOSE JAMES HAYDEN
514A	PHYSIOLOGICAL PSYCH			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	S	LS II	69	
	09.00	M W F	LS II	330	IRWIN DONALD A
516	LEARNING PROCESSES			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	01.00-02.50	M W	NKRS A	278	MELTZER DONALD
523	RESEARCH SEMINAR			02.0 CR	
	PREREQ PSYC 522				
1	01.00-02.50	F	LS II	228	RINGUETTE EUGENE L
530	PERS THEOR & DYN			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	11.00	M W	WHAM	212	SCHILL THOMAS RAMON
	11.00	F	LS II	146	
	10.00-11.50	T	LS II	250	
538	GROUP PSYCHOTHERAPY			02.0 CR	
	PREREQ PSYC 537 AND CONSENT OF INSTR				
1	10.00-11.50	TH	LS II	228	HARREN VINCENT A
543A	PSYCHODIAGNOSTIC II			04.0 CR	
	PREREQ PSYC 541 OR CONSENT OF INSTR				
1	03.00-04.50	M W	LS II	228	RAFFERTY JANET
	04.00	TH	LS II	228	
547	ASSESS PROCED COUNS			04.0 CR	
	PREREQ PSYCH 421 OR CONSENT OF INSTRUCTOR				
1	02.00-03.50	M TH	LS II	330	VANATTA RALPH E
554	DEVELOPMENTAL THEOR			02.0 CR	
	PREREQ PSYC 451 OR CONSENT OF INSTR				
1	08.00-09.50	M	LS II	228	SOMERVILL JOHN W
556	PSYCH TREAT CHILD			02.0 CR	
	PREREQ PSYC 451 OR CONSENT OF INSTR				
1	10.00-11.50	W	LS II	450	BEKKER L DEMONYE

581	PSYCHOPHYSICAL MET	04.0 CR				
	PREREQ CONSENT OF INSTR					
1	03.00-04.50 T TH LS II 250					LIT ALFRED
590	READINGS-PSYC	01.0 TO 16.0 CR				
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED					
591	RESEARCH IN PSYC	01.0 TO 36.0 CR				
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED					
593E	PRACT-CLIN PSYC	01.0 TO 18.0 CR				
	PREREQ CONSENT OF INSTR IN CHARGE					
1	TO BE ARRANGED					RADER GORDON E
	FOR ADVANCED STUDENTS					
2	TO BE ARRANGED					BEKKER L DEMONYE
	FOR ADVANCED STUDENTS					
3	01.00-03.50 TH WHAM 145B					SHOEMAKER DONALD J
4	01.00-03.50 TH WHAM 145B					RINGUETTE EUGENE L
593F	PRACT-COUNS PSYC	01.0 TO 18.0 CR				
	PREREQ CONSENT OF INSTR IN CHARGE					
1	TO BE ARRANGED					SNYDER
593H	PRACT-INDUST PSYC	01.0 TO 18.0 CR				
	PREREQ CONSENT OF INSTR IN CHARGE					
1	TO BE ARRANGED					WESTBERG WILLIAM C
593J	PRACT-CHILD PSYC	01.0 TO 18.0 CR				
	PREREQ CONSENT OF INSTR IN CHARGE					
1	TO BE ARRANGED					ODONNELL JAMES P
593L	PRACT-TEACHING PSYC	01.0 TO 18.0 CR				
	PREREQ CONSENT OF INSTR IN CHARGE					
1	TO BE ARRANGED					CARRIER NEIL ALAN
595	ADVANCED SEMINAR	01.0 TO 18.0 CR				
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED					CLINICAL STAFF
2	11.00-12.50 W F LS II 250					RADTKE ROBERT C
3	11.00-12.50 T F WHAM 212					MCHOSE JAMES HAYDEN
4	03.00-05.50 W LS II 250					LEVITT ROBERT A
599	THESIS	01.0 TO 09.0 CR				
1	TO BE ARRANGED					
600	DISSERTATION	01.0 TO 45.0 CR				
1	TO BE ARRANGED					

# **Radio-Television (R - T)**

300M	PERFORM-PROD TECH	05.0 CR			
1	01.00 M W F LAWSON 171				
	TO BE ARRANGED				
300P	PROGRAM & ANALYSIS	05.0 CR			
1	03.00 MTWTHF LAWSON 171				
300S	FOUND -BROADCASTING	05.0 CR			
1	11.00 MTWTHF LAWSON 171				
301	BROADCAST EQUIP	02.0 CR			
1	01.00 M COMM 1046				HALL CHARLES
	12.00-01.50 T COMM 52C				
2	01.00 M COMM 1046				HALL CHARLES
	12.00-01.50 TH COMM 52C				
3	01.00 M COMM 1046				HALL CHARLES
	03.00-04.50 W COMM 52C				
310	RADIO - TV NEWS	03.0 CR			
	PREREQ JRNL 103, 201, 202 AND 303				
1	01.00 M W F COMM 1016				DUGAS PAUL JOSEPH
351	PROGS AND AUDIENCES	05.0 CR			
	PREREQ R-T 251				
1	09.00 MTWTHF COMM 1046				DYBVIG HOMER EU
352	LAWS AND POLICIES	04.0 CR			
	PREREQ R-T 251				
1	02.00 MTWTH COMM 1046				LYNCH CHARLES
360	RADIO ANNOUNCING	03.0 CR			
	PREREQ R-T 161 PASSED WITH MINIMUM GR				
	ADE OF B				
1	12.00 M W F COMM 1016				BROWN WILLIAM E
363	RADIO PRODUCTION	04.0 CR			
	PREREQ R-T 260				
1	10.00-11.50 F COMM 1016				

	07.00-10.00 PM	TH	COMM	1016	
2	02.00-03.50	F	COMM	1016	
	07.00-10.00 PM	W	COMM	1016	
364	TV PRODUCTION			04.0 CR	
	PREREQ R-T 252				
1	10.00	M WTH	COMM	1015	HALL CHARLES
	10.00-11.50	T	COMM	1015	
2	10.00	M WTH	COMM	1015	HALL CHARLES
	10.00-11.50	F	COMM	1015	
3	01.00	M WTH	COMM	1015	HALL CHARLES
	01.00-02.50	T	COMM	1015	
369	TV DIRECTING			04.0 CR	
	PREREQ R-T 364				
1	08.00	T TH	COMM	1015	ROCHELLE DAVID B
	TO BE ARRANGED				ROCHELLE DAVID B
370	TELEVISION FILMS			02.0 CR	
1	11.00-12.50	TH	COMM	1046	MENDENHALL HARLAN H
2	11.00-12.50	T	COMM	1046	
373	ADV RADIO PROD LAB			01.0 TO 02.0 CR	
	PREREQ 363 OR CONCURRENT-FCC 3RDPH LI				
	CENSE OR CONSENT INSTR				
1	04.00	T TH	COMM	1046	LYNCH CHARLES T
374	ADV TV PROD LAB			01.0 TO 02.0 CR	
	PREREQ R-T 364				
1	05.00	M	COMM	1046	LAFFERTY REN A
375	PROB RAD-TV PROG			01.0 TO 04.0 CR	
1	03.00-04.50	T	COMM	1046	MENDENHALL
377	R-TV ADVERTISING			03.0 CR	
	PREREQ JRNL 370 AND 371				
1	04.00	M W F	COMM	1046	DYBVIG HOMER EUGENE
383	BROADCAST WRITING			04.0 CR	
	PREREQ R-T 363 AND 364				
1	08.00	M W	COMM	1016	BARTLETT
	08.00-09.50	F	COMM	1016	
2	08.00	M W	COMM	1046	TERWISCHE
	08.00-09.50	F	COMM	1046	
393	RADIO-TV & SOCIETY			03.0 CR	
	PREREQ R-T 251, 351, 352				
1	11.00	M W F	COMM	1046	RICHTER E WALTER
430	PUB AFF & R-T ESTAB			03.0 CR	
1	06.00-09.00 PM	M	COMM	1046	
464	PUB AFFAIRS-TV PROG			03.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	06.00-09.00 PM	T	COMM	1046	
475	INDIV PRODUCT PROB			01.0 TO 04.0 CR	
1	03.00	TH	COMM	1046	MENDENHALL HARLAN

# Recreation and Outdoor Education (REC)

201	LEISURE AND REC			03.0 CR	
1	08.00	TW F	AG	224	
2	01.00	TW F	AG	224	
202	PROG IN REC			03.0 CR	
	PREREQ REC 201				
1	09.00	M W F	BAILEY	130	
302	INSTITUTIONAL REC			03.0 CR	
1	06.30-09.00 PM	W	H EC	106	
310	SOCIAL RECREATION			03.0 CR	
	PREREQ REC 201, 202				
1	01.00-02.50	T TH	WHAM	231	
315	DRAMATICS IN REC			03.0 CR	
	PREREQ REC 201, 202				
1	05.45-07.25	MT	PULL	34	
320	NATURE INTERPRET			03.0 CR	
1	09.00-11.30	S	LAWSON	101	CHRISTIE
2	09.00-11.30	S	LAWSON	101	KNAPP
	CROSSLISTED WITH COED 320				
325	LEISURECRAFTS			03.0 CR	
	PREREQ REC 201, 202				
1	03.00-04.50	M W	WHAM	305	TAYLOR LOREN E
330	CAMPCRAFT			03.0 CR	
1	09.00-11.30	S	WHAM	312	ABERNATHY WILLIAM

340	REC ACT FOR SP POP			03.0 CR	
	PREREQ REC 302				
1	01.00	M W F	WHAM	301B	FREEBERG WM H
365	ORG ADMIN-COMM REC			04.0 CR	
	PREREQ REC 201, 202, AND 15 HRS IN REC				
1	10.00	TH	AG	144	O'BRIEN WILLIAM E
	10.00	MTW	AG	148	
380	FIELD WORK		01.0 TO 04.0 CR		
	PREREQ 20HRS RECREATION				
1	TO BE ARRANGED				ABERNATHY WILLIAM
490	INTERNSHIP IN REC		12.0 TO 16.0 CR		
	PREREQ 20 HRS REC				
1	TO BE ARRANGED				ABERNATHY
500	PRIN OF REC			04.0 CR	
1	06.30-09.00 PM	T	H EC	120	O'BRIEN
525	SPEC POP WKSHOP			04.0 CR	
1	06.30-09.00 PM	W	CL	326	FREEBERG WM H
530	REC PROGRAM WORKSHPR			04.0 CR	
	PREREQ REC 500				
1	06.30-09.00 PM	TH	COMM	1021	
540	SURV & PLAN OF FAC			04.0 CR	
1	06.30-09.00 PM	M	0875	101	TAYLOR LOREN E
570	SEM-REC & OUT ED			04.0 CR	
1	06.30-09.00 PM	M	H EC	203	
596	INDEPENDENT STUDY		02.0 TO 09.0 CR		
1	TO BE ARRANGED				

#### Rehabilitation (REHB)

414	DEV EMP OPPORT			01.0 TO 16.0 CR	
	PREREQ SPECIAL STANDING OR CONSENT OF INSTR				
1	TO BE ARRANGED				VIECELI & DICKEY
420	HUMAN DEV AND BEH		03.0 TO 04.0 CR		
	PREREQ ADVANCED STANDING				
1	03.00-04.50	M W	LS I	323	
480	INTRO TO REHB		02.0 TO 04.0 CR		
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
2	01.00-02.50	M	PULL	39	VIECELI & LEE
	01.00-02.50	W	PULL	34	
485	SCIENTIFIC METHOD			04.0 CR	
1	10.00-11.50	M W	H EC	104	SANDERS RICHARD M
490	READINGS IN REHB		01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
501A	REHB ADMINISTRATION		02.0 CR		
	PREREQ CONSENT OF INSTR				
1	06.00-07.50 PM	T	WHAM	307	
511	VOCATIONAL CHOICE		02.0 TO 04.0 CR		
	PREREQ CONSENT OF INSTR				
1	08.00-11.50	MTWTHFS	0406	102	
	12.00-04.50	MTWTHFS	0406	102	
2	03.00-04.50	F	WHAM	212	LEE ROBERT EDWARD
519	SEL, PLACE & FOLLOW		02.0 TO 03.0 CR		
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	F	WHAM	301B	VIECELI
520	FUNCT ANAL OF BEHAV		04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00-04.50	M W	PULL	37	CAMPBELL ROBERT L
532	ASSES PROC IN REHB		03.0 TO 04.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
533	BEHAVIOR CHANGE		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
541	MED ASPECT-REHB		01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
551	GEN REHB COUNSELING		03.0 TO 04.0 CR		
	PREREQ CONSENT OF DEPARTMENT				



1	09.00-04.30	MTWTHFS	0406	102	GARDNER MARGARET S
	ABOVE SECTION IS OFFERED FOR 4CR				
2	05.45-09.15	M	COMM	1017	GRENFELL JOHN E
561	PSYC-SOC ASPECT-DIS	02.0	TO 03.0	CR	
	PREREQ	CONSENT OF INSTR			
1	03.00-04.50	W	LS II	330	SCHUMACHER BROCKMAN
571	SEM IN SEL TOPICS	01.0	TO 06.0	CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				POPPEN
578	SEM IN CORR REH CO	01.0	TO 06.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
2	07.00-09.00 PM	M	WHAM	302	GRODER
585A	PRACTICUM IN REHAB	01.0	TO 12.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				LEE ROBERT EDWARD
585B	PRACTICUM IN REHAB	01.0	TO 12.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				CAMPBELL ROBERT L
585C	PRACTICUM IN REHAB	01.0	TO 24.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				SCHUMACHER BROCKMAN
589	INTERNSHIP IN REHAB	00.0	TO 12.0	CR	
	PREREQ	REHB 585 AND CONSENT OF DEPT			
1	TO BE ARRANGED				
590	INDEPENDENT PROJ	01.0	TO 16.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
591	RESEARCH IN REHAB	01.0	TO 16.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
599	THESIS	01.0	TO 09.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				

### Religious Studies (RELS)

320A	BIBLICAL STUDIES	03.0	CR	
	PREREQ	JUNIOR STANDING OR CONSENT OF INSTRUCTOR		
1	04.00	M W F	WHAM	307
330A	HIST WES REL THOUGH	03.0	CR	BARGEBUHR FREDERICK
	PREREQ	JUNIOR STANDING OR CONSENT OF INSTRUCTOR		
1	03.00	M W F	WHAM	328
				SMITH LEMUEL E

### Secondary Education (S ED)

301	FIELD EXPERIENCE	02.0	CR	
1	TO BE ARRANGED			DIXON
310	HIST PRIN OF SEC ED	04.0	CR	
	PREREQ	GUID 305/PSYC 303, ADMISSION TO TCHR ED PROGRAM		
1	08.00	M WTHF	WHAM	326
2	09.00	TH	WHAM	317
	09.00	M W F	WHAM	305
3	09.00	M WTHF	WHAM	326
4	10.00	M WTHF	WHAM	326
5	10.00	M WTHF	WHAM	328
6	11.00	M WTHF	WHAM	312
7	12.00	M WTHF	WHAM	326
8	01.00	M WTHF	WHAM	326
9	02.00	M WTHF	WHAM	326
10	02.00	M WTHF	WHAM	308
11	03.00	M WTHF	WHAM	326
12	04.00	M WTHF	WHAM	326
13	05.45-07.25	M W	WHAM	326
312	INSTR ANAL&FIELD WK	02.0	TO 08.0	CR
	PREREQ	ADMISSION TO TEACHER EDUCATION PROGRAM		
1	TO BE ARRANGED			DIXON BILLY G
315	SEC SCOL TEACH METH	04.0	CR	
	PREREQ	S ED 310 OR CONCURRENT ENROLL		



1	09.00	M WTHF	WHAM	312	
2	11.00	M WTHF	WHAM	326	AIKMAN
3	12.00	M WTHF	WHAM	319	
340	TEACH READ IN H S			04.0	CR
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	319	DUSENBERY MIRIAM
2	01.00	MTWTH	WHAM	329	DUSENBERY MIRIAM
352	SEC STUD TCH		08.0 TO 16.0		CR
1	TO BE ARRANGED				
	AGRICULTURE				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	BIOLOGY				
4	TO BE ARRANGED				
	BUSINESS				
5	TO BE ARRANGED				
	CHEMISTRY				
6	TO BE ARRANGED				
	ECONOMICS				
7	TO BE ARRANGED				
	ENGLISH				
8	TO BE ARRANGED				
	FOREIGN LANGUAGE				
9	TO BE ARRANGED				
	GENERAL STUDIES				
10	TO BE ARRANGED				
	GEOGRAPHY				
11	TO BE ARRANGED				
	GOVERNMENT				
12	TO BE ARRANGED				
	HEALTH EDUCATION				
13	TO BE ARRANGED				
	HISTORY				
14	TO BE ARRANGED				
	HOME ECONOMICS				
15	TO BE ARRANGED				
	INDUSTRIAL EDUCATION				
16	TO BE ARRANGED				
	JOURNALISM				
17	TO BE ARRANGED				
	MATH				
18	TO BE ARRANGED				
	MUSIC				
19	TO BE ARRANGED				
	PHYSICAL EDUCATION				
20	TO BE ARRANGED				
	PHYSICS				
21	TO BE ARRANGED				
	SOCIOLOGY				
22	TO BE ARRANGED				
	SOCIAL STUDIES				
23	TO BE ARRANGED				
	SPEECH				
24	TO BE ARRANGED				
	LIBRARY SCIENCE				
25	TO BE ARRANGED				
	LANGUAGE ARTS				
375A	IND RES-CURRICULUM		02.0 TO 04.0		CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				OLIVA
375B	IND RES-INSTRUCTION		02.0 TO 04.0		CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				OLIVA
375C	IND RES-LANG ARTS		02.0 TO 04.0		CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				DUSENBERY MIRIAM C
375D	IND RES-SCIENCE		02.0 TO 04.0		CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				JAMES HELEN H

375E	IND RES-READING	02.0 TO 04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		HILL
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		MILLER HARRY G
375G	IND RES-PROB S ED	02.0 TO 04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		OLIVA
375H	IND RES-JR HIGH MET	02.0 TO 04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		OLIVA
487	TCH NAT SCI-SEC SCH	04.0 CR	
	PREREQ S ED 310 OR CONCURRENT		
1	11.00 M WTHF PULL 304		JAMES HELEN H
488	SOC ST IN SEC SCH	04.0 CR	
	PREREQ S ED 310 OR CONCURRENTLY		
1	01.00 M WTHF WHAM 208		MILLER HARRY G
506	READING IN SEC SCH	04.0 CR	
	PREREQ S ED 352 OR TEACHING		
	EXPERIENCE		
1	06.30-09.00 PM W WHAM 212		DUSENBERY MIRIAM C
507	READINGS IN READING	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		DUSENBERY MIRIAM C
509	PRACTICUM IN RD	04.0 TO 08.0 CR	
	PREREQ S ED 521C		
1	TO BE ARRANGED		FISHCO
516	INTERN IN READING	08.0 TO 12.0 CR	
	PREREQ S ED 509 AND 514		
1	TO BE ARRANGED		HILL MARGARET KEYSER
521A	DIAG-CORR READ DIS	04.0 CR	
	PREREQ 505 OR 440 OR CONCURRENT REG		
	WITH 505 & TEACH EXPER		
1	09.00-11.30 S WHAM 303		FISHCO
561	CURRICULUM	04.0 CR	
1	06.30-09.00 PM W WHAM 329		FISHBACK WOODSON W
	CROSSLISTED WITH EDAF 560		
562	SEC SCHO CURRICULUM	04.0 CR	
1	06.30-09.00 PM M WHAM 228		FLIGOR ROSS JEAN
571	SEM IN CURRICULUM	04.0 CR	
	PREREQ ELED 561 OR S ED 562 OR EQUIV		
1	03.30-06.00 W WHAM 301B		BUSER ROBERT L
575A	IND RES-CURRICULUM	02.0 TO 04.0 CR	
1	TO BE ARRANGED		ALSTON
575B	IND RES-SUPERVISION	02.0 TO 04.0 CR	
1	TO BE ARRANGED		ALSTON
575C	IND RES-LANG ARTS	02.0 TO 04.0 CR	
1	TO BE ARRANGED		DUSENBERY MIRIAM C
575D	IND RES-SCIENCE	02.0 TO 04.0 CR	
1	TO BE ARRANGED		JAMES HELEN H
575E	IND RES-READING	02.0 TO 04.0 CR	
1	TO BE ARRANGED		HILL MARGARET KEYSER
575F	IND RES-SOC STUDIES	02.0 TO 04.0 CR	
1	TO BE ARRANGED		MILLER HARRY G
575G	IND RES-SEC EDUC	02.0 TO 04.0 CR	
1	TO BE ARRANGED		ALSTON
575H	IND RES-JR H METHOD	02.0 TO 04.0 CR	
1	TO BE ARRANGED		ALSTON
588	SOC ST ED IN S CURR	04.0 CR	
	PREREQ S ED 488 OR EQUIV		
1	06.30-09.00 PM T WHAM 301B		MILLER
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	
1	TO BE ARRANGED		OLIVA PETER F
597	SEM-PROPOSAL DEVEL	04.0 CR	
	PREREQ DOCTORAL STANDING		
1	03.30-06.00 T WHAM 308		OLIVA
598	PRACTICUM	02.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		KEEFER

599	THESIS	03.0 TO 09.0	CR	
1	TO BE ARRANGED			OLIVA PETER F
600	DISSERTATION	01.0 TO 48.0	CR	
1	TO BE ARRANGED			OLIVA PETER F

# **Secretarial and Business Education (SEC)**

201A	TYPEWRITING			03.0	CR	
1	08.00	M W F	CL		13	
2	01.00	M W F	CL		13	
201B	TYPEWRITING			03.0	CR	
	PREREQ SEC 201A	OR EQUIV				
1	09.00	M W F	CL		13	
2	03.00	MT TH	CL		13	
201C	TYPEWRITING			03.0	CR	
	PREREQ SEC 201B	OR EQUIV				
1	12.00	M W F	CL		13	
2	04.00	M WTH	CL		13	JACOBSON
221A	SHORTHAND-TRANS			04.0	CR	
1	03.00	MTWTHF	CL		17	BUBOLTZ
221B	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221A	OR EQUIV				
1	02.00	MTWTHF	CL		17	
221C	SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221B	OR EQUIV				
1	12.00	MTWTHF	CL		21	JACOBSON
241	DUPLICATING			01.0	CR	
	PREREQ SEC 201	OR EQUIV				
1	08.00-09.50	F	CL		21	
2	09.00-10.50	T	CL		21	
3	10.00-11.50	TH	CL		21	
4	02.00-03.50	T	CL		21	
243	KEYPUNCH			01.0	CR	
	PREREQ SEC 201A	OR EQUIV				
1	09.00	W	CL		21	BURGER
2	10.00	M	CL		21	BURGER
3	02.00	TH	CL		21	BURGER
304	ADV TYPEWRITING			03.0	CR	
	PREREQ SEC 201-9					
1	11.00	M W F	CL		13	ANDERSON
2	02.00	M WTH	CL		13	BUBOLTZ
324A	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 221C	OR EQUIV				
1	01.00	MTWTHF	CL		17	ANDERSON
324B	ADV SHORTHAND-TRANS			04.0	CR	
	PREREQ SEC 324A	OR EQUIV				
1	01.00	MTWTHF	CL		21	BURGER
326	EXECUTIVE	SEC PROC		04.0	CR	
	PREREQ SEC 304					
1	10.00	MTWTHF	CL		13	BAUERNFEIND
341	OFFICE CALC MCHNS			04.0	CR	
1	09.00	MTWTHF	CL		17	BAUERNFEIND
403	TEACH TYPEWRITING			03.0	CR	
	PREREQ SEC 304	OR EQUIV				
1	03.00	TWTH	CL		13	ANDERSON
404	TEACHING SHORTHAND			03.0	CR	
	PREREQ SEC 324A	OR EQUIV				
1	06.00-07.25 PM	M W	CL		13	RAHE
408	TCH BKPG ACCT /P/			03.0	CR	
	PREREQ ACCT 251B	OR EQUIV				
1	06.00-07.25 PM	T TH	CL		17	BAUERNFEIND
485	PRIN-PHIL VO TEC ED			03.0	CR	
	PREREQ STUDENT TEACHING	OR CONSENT OF DEPARTMENT				
1	09.00-11.30	S	TECH A	208		BAUERNFEIND
502	RES BUS ED			04.0	CR	
	PREREQ CONSENT OF INSTR					
1	09.00-11.30	S	CL		21	RAHE
590	READINGS IN BUS ED	02.0 TO 05.0	CR			
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED					

591 IND RES IN BUS ED 02.0 TO 05.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED  
 599 THESIS 01.0 TO 09.0 CR  
 1 TO BE ARRANGED

### Social Welfare (S W)

375 SW AS A SOC INSTIT 04.0 CR  
 1 09.00 TW H EC 202  
 09.00 THF H EC 118  
 2 11.00 TWTWF WHAM 112 EADES  
 383 INTRO INTERVIEWING 04.0 CR  
 1 10.00 TWTWF WHAM 302 BROWN  
 2 02.00 MT THF AG 144 BRELJE  
 481A PROC IN SOC WORK 04.0 CR  
 PREREQ SW 375  
 1 03.00 M AG 222 BRELJE  
 03.00 M AG 214  
 482 SOC WK-SEL AGENCIES 10.0 CR  
 PREREQ SW 481 & CONSENT OF INSTR  
 1 06.30-07.40 PM M COMM 1006 BROWN

### Sociology (SOC)

301 PRINCIPLES OF SOC 04.0 CR  
 PREREQ JR STANDING  
 1 09.00 M W F 0861 102  
 09.00 T 0861 101  
 2 03.00 TWTWF CL 24 MARTIN  
 ABOVE SECTIONS RESERVED FOR SOC MAJ ONLY  
 302 CONTEMP SOC PROB 04.0 CR  
 PREREQ ONE COURSE IN SOC  
 1 09.00 T THF WHAM 202 ALIX ERNEST K  
 09.00 W WHAM 201  
 ABOVE SECTION RESERVED FOR SOC MAJ ONLY  
 308 STAT FOR SOC SCI 04.0 CR  
 PREREQ JR STANDING OR CONSENT OF  
 INSTR  
 1 08.00 MTWTH WHAM 228 HAWKES ROLAND  
 332 SOCIAL ORGANIZATION 04.0 CR  
 PREREQ SOC 301  
 1 07.00-09.50 PM TH WHAM 203 NALL  
 RESERVED FOR SOC MAJORS ONLY  
 335 URBAN SOCIOLOGY 04.0 CR  
 PREREQ GSB 201B OR SOC 301  
 1 11.00 MTWTH 0871 102 DUBECK  
 ABOVE SECTION RESERVED FOR SOC MAJ ONLY  
 338 INDUSTRIAL SOC 04.0 CR  
 PREREQ GSB 201B OR SOC 301  
 1 02.00 TWTWF AG 216 ROSSEL ROBERT D  
 RESERVED FOR SOC MAJORS ONLY  
 340 THE FAMILY 04.0 CR  
 PREREQ GSB 201B OR SOC 301  
 1 TO BE ARRANGED HENDRIX  
 2 01.00 MTWTH BAILEY 130 LANTZ HERMAN R  
 RESERVED FOR SOC MAJORS ONLY  
 351 SOC OF RELIGION 04.0 CR  
 PREREQ GSB 201B OR SOC 301  
 1 01.00 TWTWF WHAM 308 LEMERT  
 374 SOCIOLOGY OF ED 04.0 CR  
 PREREQ GSB 201B OR SOC 301  
 1 02.00 T TH 0871 101 MARTIN THOMAS W  
 02.00 W F WHAM 202  
 396 READINGS IN SOC 01.0 TO 05.0 CR  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED  
 396H HONORS READINGS-SOC 01.0 TO 04.0 CR  
 PREREQ CONSENT OF DEPARTMENT  
 1 TO BE ARRANGED  
 406 SOCIAL CHANGE 04.0 CR  
 PREREQ TWO COURSES IN SOC OR CONSENT

		OF INSTR					
1	02.00-03.50	M W	PIERCE	130	DUBECK PAULA		
424	COLLECTIVE BEHAVIOR			04.0 CR			
	PREREQ	GSB 321 OR	CONSENT OF INSTR				
1	TO BE ARRANGED				MCGLYNN		
426	SOC BEHAVIOR PERS			04.0 CR			
	PREREQ	GSB 321 OR	PSYC 305 OR	CONSENT OF INSTR			
1	12.00	TWTHF	WHAM	208	ROSSEL		
435	SOC STRATIFICATION			04.0 CR			
	PREREQ	TWO COURSES IN	SOC OR	CONSENT OF INSTR			
1	07.00-09.50 PM	T	CL	326			
437	SOC RURAL DEVELOP			04.0 CR			
	PREREQ	TWO COURSES IN	SOC OR	CONSENT OF INSTR			
1	TO BE ARRANGED				VOTH DONALD E		
460	SOC OF MEDICINE			04.0 CR			
	PREREQ	TWO COURSES IN	SOC OR	CONSENT OF INSTR			
1	09.00-10.50	M	PIERCE	130	RAINEY MICHAEL L		
473	JUVENILE DELIN			04.0 CR			
	PREREQ	TWO COURSES IN	SOC OR	PSYC OR			
		CONSENT OF INSTR					
1	11.00	TWTHF	COMM	1017	ALIX		
	SECTION 2	CROSSLISTED WITH	AJ 473				
2	07.00-09.50 PM	TH	0685	200			
497	SENIOR SEMINAR			04.0 CR			
	PREREQ	SR STANDING WITH	20 HRS	SOC OR			
		CONSENT OF INSTR					
1	TO BE ARRANGED				MCGLYNN		
498A	INDIVIDUAL RESEARCH			04.0 CR			
	PREREQ	SR STANDING WITH	20 HRS	SOC &			
		CONSENT OF INSTR					
1	TO BE ARRANGED						
498B	INDIVIDUAL RESEARCH			04.0 CR			
	PREREQ	SR STANDING WITH	20 HRS	SOC &			
		CONSENT OF INSTR					
1	TO BE ARRANGED						
498H	HONORS IND RESEARCH			01.0 TO 04.0 CR			
	PREREQ	CONSENT OF	DEPARTMENT				
1	TO BE ARRANGED						
501	SURVEY SOCIOL THEO			04.0 CR			
	PREREQ	SOC 451 OR	CONSENT OF INSTR				
1	TO BE ARRANGED				MUNCH		
512	SOC RESEARCH			04.0 CR			
	PREREQ	15 HRS OF	SOC OR	CONSENT OF INSTR			
1	01.00-02.50	T TH	LS II	350	BROOKS		
519	METH FOUND SOC SCI			04.0 CR			
	PREREQ	PHIL 420 OR	CONSENT OF INSTR				
1	TO BE ARRANGED				MUNCH		
526	QUANT METHODS I			04.0 CR			
	PREREQ	SOC 412 OR	CONSENT OF INSTR				
1	10.00-11.50	TH	H EC	102	HAWKES ROLAND		
	10.00	T	H EC	201			
544	SEM-FAMILY RESEARCH			04.0 CR			
	PREREQ	15 HRS SOC,	INCLUDING SOC 340,				
		OR	CONSENT OF INSTR				
1	TO BE ARRANGED				LANTZ		
562	DEVIANCE & DISORG			04.0 CR			
	PREREQ	15 HRS OF	SOC OR	CONSENT OF INSTR			
1	07.00-09.30 PM	T	WHAM	212	SNYDER CHARLES R		
591	INDIVIDUAL RESEARCH			02.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTR	AND	DEPT CHAIRMAN			
1	TO BE ARRANGED						
596	READINGS IN SOC			02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR	AND	DEPT			



CHAIRMAN

1	TO BE ARRANGED					
599	THESIS	02.0 TO 09.0 CR				
	PREREQ	CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED					
600	DISSERTATION	01.0 TO 48.0 CR				
	PREREQ	CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED					
<b>Special Education (SP E)</b>						
410A	PROB & CHAR-EMO CHI	04.0 CR				
	PREREQ	SP E 414				
1	06.00-09.00 PM	T	LAWSON	201	THOMPSON ALICE	
410B	PROB CHAR MENT RET	04.0 CR				
	PREREQ	SP E 414				
1	09.00	MTWTH	WHAM	302	STEPHENS WYATT E	
2	06.00-09.00 PM	M	WHAM	308	STEPHENS WYATT	
410C	PROB CHAR GIFT CHLD	04.0 CR				
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR				
1	06.00-09.00 PM	T	WHAM	326	CASEY JOHN P	
411	ASS & REMED LRN DIS	04.0 CR				
	PREREQ	SP E 414 AND CONSENT OF INSTR				
1	06.00-09.00 PM	M	WHAM	206	JOINER LEE M	
413A	DIR OBSER-EMOT DIST	04.0 CR				
	PREREQ	CONSENT OF INSTR				
1	01.00-02.50	T TH	LS II	430		
413B	DIR OB OF MR CHILD	04.0 CR				
	PREREQ	SP E 414, SP E 410B OR CONC EN RLMT & MAJOR IN SP E				
1	10.00-12.50	T	WHAM	326		
414	THE EXCEPT CHILD	04.0 CR				
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR				
1	08.00-09.50	M	AG	166	THOMPSON ALICE	
	08.00-09.50	TH	LAWSON	201		
	UNDERGRADS ONLY					
2	01.00	MTWTH	WHAM	302		
	UNDERGRADS ONLY					
3	06.00-09.00 PM	TH	LAWSON	201	THOMPSON ALICE	
	GRADS ONLY					
4	07.35-09.15 PM	M W	LAWSON	201	HOLDER	
	UNDERGRADS ONLY					
420A	MET & MAT-ED EM DIS	04.0 CR				
	PREREQ	SP E 410A AND CONSENT OF INSTR				
1	02.00-03.50	M W	AG	214	JUUL KRISTEN D	
2	04.00-05.50	M W	WHAM	202	JUUL KRISTEN	
420B	METH & MAT TEACH MR	04.0 CR				
	PREREQ	SP E 410B AND CONSENT OF INSTR				
1	03.00-04.50	M W	LS II	430	RAINEY	
2	06.00-09.00 PM	T	PULL	35		
496	READ & INDEP STUDY	02.0 TO 08.0 CR				
	PREREQ	SP E 414 AND CONSENT OF STAFF				
1	TO BE ARRANGED					
501A	SP RESEARCH PROB	04.0 CR				
	PREREQ	CONSENT OF DEPT				
1	TO BE ARRANGED					
513	ORG ADM SP CLASSES	04.0 CR				
	PREREQ	SP E 414				
1	06.00-09.00 PM	TH	WHAM	208	MORGAN HOWARD G	
577	PRACTICUM IN SP ED	04.0 TO 12.0 CR				
	PREREQ	SP E 410A, B, C, OR D, AND CONSENT OF STAFF				
1	TO BE ARRANGED					
590	ED CH WITH MEN DEV	04.0 CR				
	PREREQ	CONSENT OF INSTR				
1	TO BE ARRANGED				JOINER LEE M	
	RESTR TO POSTMASTERS STUDENTS					
596	IND INVESTIGATION	05.0 TO 09.0 CR				
1	TO BE ARRANGED					

599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				
<b>Speech (SPCH)</b>					
102	PUBLIC SPEAKING	04.0 CR			
	PREREQ GSD 103				
1	02.00	MTWTH	COMM 1020	HIBBS PAUL	
201	PARLIAMENTARY LAW	02.0 CR			
1	03.00	T TH	ABBOTT 129	BRENIMAN LESTER	
202	PRIN OF DISCUSSION	03.0 CR			
1	11.00	MT TH	COMM 1021	GOODIEL EUNICE P	
2	02.00	WTHF	COMM 1022	POTTER DAVID J	
203	INTERPERSONAL COMM	04.0 CR			
	PREREQ GSD 103 OR EQUIV				
1	01.00	MT TH	COMM 1022	SANDERS KEITH	
	01.00	W	COMM 1017		
205	ARGUMENT DEBATE	04.0 CR			
1	02.00	MTWTH	COMM 2008		
2	06.00-08.00 PM	T TH	COMM 2008	KLEINAU MARVIN DALE	
209	FORENSIC ACTIVITIES	01.0 CR			
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	S	COMM 2008	KLEINAU MARVIN DALE	
301	PERSUASION	04.0 CR			
1	03.00	MTWTH	COMM 1022	SMITH WILLIAM DAVID	
309	FORENSIC ACTIVITIES	01.0 CR			
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	S	COMM 2008	KLEINAU MARVIN DALE	
313	SPEECH COMPOSITION	04.0 CR			
	PREREQ SPCH 102				
1	01.00	TWTHF	COMM 1020		
323	ORAL INTERP II	04.0 CR			
	PREREQ GSC 200 OR CONSENT OF INSTR				
1	TO BE ARRANGED			KLEINAU	
2	09.00	MTWTHF	COMM 1020	FISH ROBERT S	
331	PR POLICIES & PRACT	03.0 CR			
	PREREQ JUNIOR STANDING				
1	12.00	M WTH	LAWSON 201	WILEY RAYMOND D	
	11.00	T	AG 224		
401	CREATIVE DRAMATICS	04.0 CR			
1	09.00	M W	COMM 1018	BRADLEY LYNN	
2	10.00	M	LS II 228		
	10.00	W	COMM 1020		
	10.00	T TH	WHAM 312		
406	TCHG SEC SCHL SPCH	04.0 CR			
	PREREQ 16 HRS OF SPCH				
1	08.00-09.50	T TH	COMM 2012	HAMILTON LYLE M	
407A	AMER PUBLIC ADDRESS	04.0 CR			
1	10.00-11.50	T TH	COMM 2012	BRADLEY EARL EDESEL	
424	ORAL INTERP DRA LIT	04.0 CR			
	PREREQ GSD 200 AND SPEECH 323				
1	TO BE ARRANGED			FISH ROBERT	
	WILL MEET 10-11.50 T TH IN ROOM TO BE				
	ARRANGED				
425	TECH DISC LDRSHIP	03.0 CR			
1	07.30-10.00 PM	T	COMM 2002	POTTER DAVID J	
428	COMM THEORIES & MOD	04.0 CR			
1	02.00-03.50	M W	COMM 1018	JENNINGS RUSSELL W	
430	INDEPENDENT STUDY	02.0 TO 04.0 CR			
	PREREQ 12 HRS SPCH & CONSENT OF INSTR				
1	TO BE ARRANGED				
431	INTERN-PRACT IN PR	02.0 TO 12.0 CR			
	PREREQ SR, SPCH 331, MGT 340, MKTG 301, 363, JRNL 370				
1	TO BE ARRANGED			WILEY RAYMOND	
445A	LANGUAGE BEHAVIOR	04.0 CR			
1	10.00-11.50	T TH	COMM 1020	HIGGINBOTHAM DOROTH	
450A	LAB INTERPER COM	04.0 CR			
1	10.00-11.50	M	CL 326	JENNINGS RUSSELL	
	10.00-11.50	W	COMM 1006		

2	02.00-03.50	T TH	COMM	2012	PACE THOMAS J
500	SURV CLASSICAL RHET			04.0 CR	
1	10.00-11.50	M W	COMM	2012	MICKEN RALPH A
507A	STUDIES IN PUB ADD			03.0 CR	
	PREREQ SPCH 407A AND B				
1	09.00-11.50	F	COMM	2012	BRADLEY EARL EDESEL
511A	TEACH COLL SPEECH			02.0 CR	
1	01.00	M W	COMM	2012	SMITH WILLIAM DAVID
	MUST TAKE CONCURRENTLY WITH SPCH 511B				
511B	TEACH COLL SPEECH			02.0 CR	
1	01.00-02.50	F	COMM	1018	
	MUST TAKE CONCURRENTLY WITH SPCH 511A				
522	STUDIES IN INTERP			04.0 CR	
	PREREQ 12 HRS OF INTERP OR CONSENT OF INSTR				
1	02.00-03.50	M W	COMM	2012	KLEINAU MARIAN
526	LANG BEHAVIOR SEM			04.0 CR	
	PREREQ SPCH 445				
1	10.00-11.50	M	COMM	1020	HIGGINBOTHAM
	10.00-11.50	W	LS II	350	
530	RESEARCH PROBLEMS			01.0 TO 04.0 CR	
1	TO BE ARRANGED				
	RESTRICTED TO CONSENT OF INSTRUCTOR				
532A	RESEARCH IN SPEECH			02.0 CR	
1	01.00	T TH	COMM	2012	BRADLEY EARL EDESEL
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				MICKEN RALPH A
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				MICKEN RALPH A

### Speech Pathology and Audiology (SP & A)

100	SPEECH CLINIC			00.0 TO 02.0 CR	
1	TO BE ARRANGED				
200	PHONETICS			04.0 CR	
1	02.00	MTWTH	COMM	1006	
212	ARTIC PROB DELAY SP			04.0 CR	
	PREREQ SP&A 200 OR CONCURRENT ENROLLMENT IN 200				
1	11.00	MT THF	COMM	1006	PAGE SUE ANN
400	IND STUDY-SP&A			01.0 TO 04.0 CR	
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				COPELAND ALFRED
405A	PRAC SP & HEAR THER			02.0 TO 04.0 CR	
	PREREQ JUNIOR STANDING IN DEPARTMENT				
1	02.00	T TH	COMM	1009	PAGE SUE ANN
409	RES TECH SPEECH SCI			04.0 CR	
	PREREQ ADVANCED SPEECH STUDENTS OR CONSENT OF INSTR				
1	01.00	MT THF	COMM	1006	BRUTTEN GENE JEROME
416	INTRO TO AUDIOLOGY			04.0 CR	
	PREREQ JR STANDING OR CONSENT OF INSTR				
1	09.00	MT THF	COMM	1006	MCFARLAND WILLIAM H
428	SP CORR FOR CL TCH			04.0 CR	
	PREREQ PRACTISING TEACHER, SR OR GRAD IN EDUC				
1	03.00	MTWTH	COMM	1006	
515	READINGS IN SP&A			01.0 TO 04.0 CR	
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				BRACKETT
520	SEM-PHYSIOL ACOUST			04.0 CR	
	PREREQ SP&A 406, 416				
1	10.00-11.50	M TH	COMM	1009	COPELAND ALFRED
522A	SEM-ORG SPCH PROB			01.0 TO 04.0 CR	
	PREREQ GRAD STANDING IN DEPT				
1	03.00-04.50	M TH	COMM	1007	KOEPP-BAKER HERBERT
529A	SEM IN ST BEHAVIOR			01.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00-04.50	T F	COMM	1009	BRUTTEN GENE JEROME
530	RES PROB IN SP&A			01.0 TO 04.0 CR	

		PREREQ	ADVANCED	STANDING		
	1	TO BE ARRANGED				HOSHIKO MICHAEL S
534	1	SEM INSTRUMENTATION	01.0	TO 04.0 CR		
		10.00-11.50	T	F	COMM 1009	HOSHIKO MICHAEL S
536	1	SEM ADMIN-SP-HEAR	01.0	TO 04.0 CR		
	1	TO BE ARRANGED				BRACKETT
599	1	THESIS	02.0	TO 09.0 CR		
	1	TO BE ARRANGED				KOEPP-BAKER HERBERT
600	1	DISSERTATION	01.0	TO 48.0 CR		
	1	TO BE ARRANGED				BRACKETT

# **Technical & Industrial Education (TIED)**

100		ORIENT - ENTERPRISE		04.0 CR		
	1	08.00	M	W	PULL	14
201A		VISUAL COMMUNICATNS		03.0 CR		
	1	10.00	M	F	PULL	17
		09.00-10.50		W	PULL	17
	2	10.00	M	F	PULL	17
		09.00-10.50		TH	PULL	17
207		ENER CONV-POW TRANS		03.0 CR		
	1	11.00	M	W	PULL I	16
		08.00-09.50		T	PULL I	16
	2	11.00	M	W	PULL I	16
		10.00-11.50		T	PULL I	16
302		CONSTR MTDS PRI TCH		04.0 CR		
	1	10.00		TW	PULL I	109
		08.00-10.50		M	PULL I	109
		08.00-09.50		W	PULL I	109
	2	10.00		TW	PULL I	109
		08.00-09.50		T	PULL I	109
		08.00-10.50		TH	PULL I	109
303		DIVERSIFIED CRAFTS		04.0 CR		
	1	02.00		TW	PULL I	109
		12.00-02.50		M	PULL I	109
		12.00-01.50		W	PULL I	109
	2	02.00		TW	PULL I	109
		12.00-02.50		T	PULL I	109
		12.00-01.50		TH	PULL I	109
319		OCCUPATIONAL INTERN		03.0 TO 24.0 CR		
		PREREQ		CONSENT OF COORDINATOR		
	1	TO BE ARRANGED				
419		STU TCH IN TECH PRO		08.0 TO 16.0 CR		
		PREREQ		9 QTR HRS PROFESSIONAL COURSES		
	1	TO BE ARRANGED				HUCK JOHN F
420A		ENTRPRS-MANMACH SYS		04.0 CR		
		PREREQ		20 HRS IN TECHNICAL AND INDUSTRIAL EDUCATION		
	1	04.00	M	W	PULL	14
		03.00-04.50		F	PULL	14
425		PRACTICUM		02.0 TO 08.0 CR		
		PREREQ		CONSENT OF COORDINATOR		
	1	TO BE ARRANGED				
430		SPECIAL PROBLEMS		02.0 TO 08.0 CR		
		PREREQ		CONSENT OF COORDINATOR		
	1	TO BE ARRANGED				
485		PRIN-PHIL VO TEC ED		03.0 CR		
	1	09.00-11.30		S	TECH A 208	RAMP WAYNE S
488		ANAL FOR OCCUP ED		03.0 CR		
		PREREQ		12 HRS IN TEACHING SPECIALTY		
	1	06.00-08.30 PM		W	TECH A 111	BORTZ RICHARD
489		ORG OF SUBJ MATTER		03.0 CR		
		PREREQ		TIED 488		
	1	06.00-08.30 PM		TH	TECH A 111	SULLIVAN
490		PRIN OCCUP TEACH		03.0 CR		
		PREREQ		12 HRS IN TEACHING SPECIALTY		
	1	06.00-08.30 PM		T	TECH A 210	
493		AV MEDIA FOR OCC ED		03.0 CR		
	1	06.00-08.30 PM		T	TECH D 130	NYSTROM DENNIS
	2	06.00-08.30 PM		TH	TECH D 130	
505		AD&SUPERVIS OCC ED		04.0 CR		
	1	06.00-09.00 PM		T	TECH A 122	BITTLE RAYMOND E



510	PLAN OCCUP ED		04.0 CR	
1	06.00-09.00 PM	TH	TECH A 208	BITTLE RAYMOND
540	RES IN OCC ED		04.0 CR	
1	06.00-09.00 PM	W	TECH D 130	
550	COL TEACH OCC ED		04.0 CR	
1	06.00-09.00 PM	W	TECH B 20	ERICKSON JOHN HOWARD
570	SPECIAL INVESTIGAT	02.0	TO 06.0 CR	
1	TO BE ARRANGED			BAILEY LARRY J
599	THESIS	01.0	TO 09.0 CR	
1	TO BE ARRANGED			BAILEY LARRY

# Theater (THEA)

111A	STAGING TECHNIQUES		03.0 CR	
1	09.00	M W F	COMM 1037	HENDREN PHILIP R
	03.00-04.50	M	COMM 1057	
2	09.00	M W F	COMM 1037	
	03.00-04.50	W	COMM 1057	
3	09.00	M W F	COMM 1037	
	03.00-04.50	F	COMM 1057	
111B	STAGING TECHNIQUES		03.0 CR	
1	12.00	M W F	COMM 1045	HENDREN PHILIP R
	03.00-04.50	T	COMM 1057	
2	12.00	M W F	COMM 1045	
	03.00-04.50	TH	COMM 1057	
111C	STAGING TECHNIQUES		03.0 CR	
1	03.00	MTWTHF	COMM 2041	CUSTER MARIANNE
203	VOICE AND DICTION		04.0 CR	
1	11.00	MTWTH	COMM 1017	GARBUTT CAMERON W
207	FUNDS OF TH DES		04.0 CR	
1	10.00	MT THF	COMM 2041	PAYNE DARWIN R
208	DRAMATIC ACTIVITIES	01.0	TO 03.0 CR	
1	07.35-09.00 PM	T TH	COMM 1045	ZOECKLER CHARLES W
213	STAGE MOVEMENT		03.0 CR	
1	12.00	MTWTHF	0813 101	LEWIS NANCY E
217	ACTING		04.0 CR	
1	01.00-02.50	T TH	COMM 1045	HARRISON
2	01.00-02.50	M W	COMM 1037	
230A	BEGIN TECH BALLET		02.0 CR	
1	04.00-05.50	M W	0813 111	SOOK
	04.00	T	0813 111	
	CROSSLISTED WITH PEW 230A			
230B	INTERMEDADV BALLET	02.0	TO 22.0 CR	
	PREREQ THEA 230A OR CONSENT OF INSTR			
1	04.00-05.50	T TH	GYM 206	LEWIS
	CROSSLISTED WITH PEW			
240	THEO-TECH CONT DNCE	02.0	TO 24.0 CR	
1	10.00-11.50	MTWTH	0813 111	GRAY WINSTON G
	CROSSLISTED WITH PEW 240			
273	DANCE WORKSHOP	01.0	TO 06.0 CR	
1	05.30-07.30	T TH	0813 101	SOOK
	CROSSLISTED WITH PEW 273			
2	07.30-09.30 PM	T TH	0813 111	LEWIS NANCY E
	CROSSLISTED WITH PEW 273			
305	STAGE MAKE-UP		02.0 CR	
1	01.00	W F	COMM 1055	HARRISON EELIN S
	10.00-11.50	S	COMM 1055	
308	DRAMATIC ACTIVITIES	01.0	TO 03.0 CR	
1	07.35-09.00 PM	T TH	COMM 1045	ZOECKLER CHARLES W
311	INT TO PLAYWRITING		04.0 CR	
	PREREQ 1 COURSE IN DRAMATIC LIT AND			
	CONSENT OF INSTR			
1	09.00	MTW F	COMM 2042	MOE CHRISTIAN H
312	HIST & PHIL DANCE		04.0 CR	
1	01.00	MTWTH	0813 111	SOOK
	CROSSLISTED WITH PEW 312			
322	THEATRE PRACTICUM	02.0	TO 14.0 CR	
1	08.00-11.00	MTWTHF	COMM 1037	ZOECKLER CHARLES W
	12.00-05.00	MTWTHF	COMM 1037	
400	THEATER PROBLEMS		00.0 CR	
1	05.00	TH	COMM 1045	



401	CREATIVE DRAMATICS	04.0 CR			
1	09.00 MTWTH	COMM 1021	BRADLEY		
	CROSSLISTED WITH SPEECH 401				
402A	PLAY DIRECTING	04.0 CR			
1	01.00-02.50 M W	COMM 1045	BROWNE TERRY W		
2	03.00-04.50 T TH	COMM 1045	BROWNE TERRY W		
	ABOVE SECTION FOR SPEECH STUDENTS ONLY				
404	THEATRE MANAGEMENT	04.0 CR			
1	12.00 MTWTH	COMM 1017			
502	ADV DIRECTING	04.0 CR			
1	10.00 MT THF	COMM 1045			
503A	SCENE DESIGN	04.0 CR			
	PREREQ CONSENT OF DEPT & GRAD STANDING				
1	11.00 MTW F	COMM 2041	PAYNE DARWIN R		
504	THE COMIC THEATRE	04.0 CR			
1	03.00-04.50 M W	TECH A 120	MOE CHRISTIAN H		
519	THEATRE PRACTICUM	01.0 TO 12.0 CR			
1	08.00-11.00 MTWTHF	COMM 1037	ZOECKLER CHARLES W		
	12.00-05.00 MTWTHF	COMM 1037			
526	SEM IN THEATRE ARTS	03.0 TO 12.0 CR			
	PREREQ GRAD STANDING & CONSENT OF DEPARTMENT				
1	09.00-11.50 S	TECH A 120			
530	RESEARCH PROBLEMS	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				

### University Convocation (UNIV)

200	UNIV CONVOCATION	01.0 CR			
1	01.00 TH	ARENA 555			

### Zoology (ZOOI)

300	VERT EMBRYOLOGY	05.0 CR			
	PREREQ ZOOI 318A				
1	09.00 M W F	LS II 350	HAAS HERMANN J		
	08.00-09.50 T TH	LS II 303			
317A	DIVERSITY OF ANIMAL	05.0 CR			
	PREREQ ANY 3 OF FOLLOWING - BIOL 305, 306, 307, 308				
1	02.00 T TH	LAWSON 221	BLACKWELDER R E		
	08.00-09.50 M W F	LS II 251			
2	02.00 T TH	LAWSON 221	BLACKWELDER R E		
	10.00-11.50 M W F	LS II 251			
3	02.00 T TH	LAWSON 221	BLACKWELDER R E		
	01.00-02.50 TH	LS II 251			
317B	DIVERSITY OF ANIMAL	05.0 CR			
	PREREQ ZOOI 317A				
1	08.00 T TH	LAWSON 221	GEORGE		
	08.00-09.50 M W F	LS II 269			
2	08.00 T TH	LAWSON 221	GEORGE		
	10.00-11.50 M W F	LS II 269			
3	08.00 T TH	LAWSON 221	GEORGE		
	01.00-02.50 M W F	LS II 269			
322	PROBLEMS IN ZOOLOGY	02.0 TO 05.0 CR			
	PREREQ 4.25 GPA, SENIOR STANDING, AND DEPT OR FAC APPROVAL				
1	TO BE ARRANGED				
382	ZOOI SENIOR SEMINAR	01.0 CR			
	PREREQ SENIOR STANDING				
1	10.00 T	LS II 330	BRANDON		
2	11.00 W	LS II 330	MCPHERSON		
3	03.00 F	LS II 330	STAINS		
4	04.00 T	LS II 330	DYER		
402	NAT HIST INVERT	04.0 CR			
	PREREQ ZOOI 317A				
1	01.00 M W	LS II 350	BEATTY JOSEPH ALBERT		
	10.00-11.50 T TH	LS II 304			
2	01.00 M W	LS II 350	BEATTY JOSEPH ALBERT		
	01.00-02.50 T TH	LS II 304			

404	ZOOLOGY FIELD STUD	02.0 TO 08.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
407	PARASITOLOGY	05.0 CR			
	PREREQ ZOOLOG 317A				
1	09.00	T TH	LS II	350	DYER WILLIAM G
	08.00-09.50	M W F	LS II	369	
409	HISTOLOGY	05.0 CR			
	PREREQ 15 HRS BIOLOGICAL SCIENCE				
1	10.00	M W F	LS II	330	
	10.00-11.50	T TH	LS II	381	
410	VERT PALEONTOLOGY	05.0 CR			
	PREREQ ZOOLOG 318A OR GEOL 301				
1	03.00	MTWTH	LS II	256	GALBREATH
	04.00	M W	LS II	256	
415	LIMNOLOGY	04.0 CR			
	PREREQ ZOOLOG 317A				
1	11.00	T TH	LS II	350	STAHL JOHN B
	01.00-04.50	F	LS II	257	
2	11.00	T TH	LS II	357	STAHL
	08.00-11.50	S	LS II	257	
463	WILDLIFE MANAGEMENT	04.0 CR			
	PREREQ 15 HRS BIOLOGICAL SCIENCE OR C				
	ONSENT OF INSTR				
1	02.00	M W	NKRS B	440	KRULL JOHN N
	08.00-11.50	F	LS II	253	
2	02.00	M W	NKRS B	440	
	01.00-04.50	TH	LS II	253	
3	02.00	M W	NKRS B	440	
	01.00-04.50	F	LS II	253	
4	02.00	M W	NKRS B	440	
	08.00-11.50	S	LS II	253	
5	02.00	M W	NKRS B	440	
	01.00-04.50	T	LS II	253	
466	FISH MANAGEMENT	04.0 CR			
	PREREQ 15 HRS OF BIOLOGICAL SCIENCE,				
	ONSENT OF INSTRUCTOR				
1	11.00	M F	LS II	350	LEWIS WILLIAM M
	01.00-04.50	F	LS II	325	
2	11.00	M F	LS II	350	
	01.00-04.50	F	LS II	310	
514	ADVANCED ENTOMOLOGY	04.0 CR			
	PREREQ ZOOLOG 471				
1	01.00	T TH	LS II	330	MCPHERSON JOHN E
	01.00-02.50	M W	LS II	304	
525	CYTOLOGY	05.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00	M W F	LS II	450	OLAH LESLIE
	03.00-04.50	T TH	LS II	404	
	CROSSLISTED WITH BOT 525				
573	PHSL ECOLOGY	04.0 CR			
	PREREQ BIOL 307 OR EQUIV AND CONSENT				
	OF INSTR				
1	09.00	T TH	LS II	330	LEFEBVRE
	08.00-11.50	W	LS II	257	
578	POPULATION GENETICS	04.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				ENGLERT DUWAYNE C
581	READING CURRENT LIT	03.0 CR			
	PREREQ GRAD STATUS IN A BIO SCIENCE				
1	12.00	M W F	LS II	330	BRANDON
582	GRAD ZOOLOG SEMINAR	01.0 TO 00.0 CR			
1	TO BE ARRANGED				
583A	TEACH ZOOLOG COLL	01.0 CR			
	PREREQ GRAD STATUS IN A BIO SCIENCE				
1	05.00	W	LS II	330	GARDIAN GEORGE
585E	SEM-WILDLIFE MGT	01.0 TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	08.00	TWTH	LS II	330	KLIMSTRA
596	SPECIAL RESEARCH	03.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				

1	TO BE ARRANGED	
599	THESIS	02.0 TO 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	03.0 TO 48.0 CR
1	TO BE ARRANGED	

## SCHEDULE OF VOCATIONAL-TECHNICAL INSTITUTE COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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### General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101A	INTRO-PHYS SCIENCE			04.0 CR
901	09.00	MTWTH	M3	103
902	10.00	MTWTH	M3	103
903	01.00	MTWTH	M3	103
904	03.00	MTWTH	M3	103
101B	INTRO-PHYS SCIENCE			04.0 CR
901	11.00	MTW F	F3	144
902	12.00	MTWTH	F3	144

HARTUNG FRANK H  
HARTUNG FRANK H

### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

201B	CULT-SOCIETY BEHAV			04.0 CR
901	12.00	MTWTH	L3	109
201C	CULT-SOCIETY-BEHAV			04.0 CR
901	09.00	MTWTH	H3	154
902	10.00	MTWTH	H3	154
903	11.00	MTWTH	H3	154
904	12.00	MTWTH	H3	154
905	01.00	MTWTH	H3	154
906	03.00	MTWTH	F1	108
211A	POLITICAL ECONOMY			04.0 CR
901	12.00	MTWTH	L2	105
902	04.00	MTWTH	L2	105
211B	POLITICAL ECONOMY			04.0 CR
901	08.00	MTWTH	H3	154
902	09.00	MTWTH	M1	112
903	11.00	MTWTH	H3	151
904	01.00	MTWTH	H3	151
905	03.00	MTWTH	H4	233
906	04.00	MTWTH	H4	233

CHOATE  
CHOATE

SHIN  
SHIN  
CISSELL  
CISSELL

### General Studies Area D—Organization and Communication of Ideas (GSD)

101	ENGLISH COMPOSITION			03.0 CR
901	08.00	M W F	H3	153
902	08.00	M W F	H4	233
903	09.00	M W F	H3	153
904	09.00	M W F	H9	101
905	10.00	M W F	H3	153
906	10.00	M W F	F1	108
907	10.00	M W F	L3	109
908	11.00	M W F	H3	153
909	12.00	M W F	H3	153
910	01.00	M W F	H3	153
911	01.00	M W F	H9	101
912	02.00	M W F	H3	153
913	03.00	M W F	H3	153
914	03.00	M W F	H9	101
915	04.00	M W F	H3	153
916	04.00	M W F	AVTECH	116

102	ENGLISH COMPOSITION			03.0	CR	
901	08.00	M W F	H9		101	
902	12.00	M W F	F1		111	
103	ORAL COMM OF IDEAS			03.0	CR	
901	08.00	MTWTH	AVTECH	116	ENOCH ROY	
902	10.00	MTWTH	H9	101	ENOCH ROY	
903	11.00	MTWTH	H9	101	ENOCH ROY	
904	12.00	MTWTH	H9	101	WORKUN ARTHUR	
905	02.00	MTWTH	H9	101	WORKUN ARTHUR	
906	04.00	MTWTH	H9	101	WORKUN ARTHUR	

### Mathematics (MATH)

111A	COL ALGEBRA TRIG			05.0	CR	
901	09.00	MTWTHF	L3		109	
902	09.00	MTWTHF	M3		101	
903	03.00	MTWTHF	H3		151	

### Accounting (\*ACC)

101A	ACCOUNTING			04.0	CR	
1	08.00	M F	F1	111	RICHEY HELEN	
	08.00-09.50	T TH	F1	111		
2	09.00	M F	F1	108	RICHEY HELEN	
	09.00-10.50	T TH	F1	108		
3	11.00	M F	F1	111	MARKWELL J KENNETH	
	11.00-12.50	T TH	F1	111		
4	12.00	M F	F1	108	REYNOLDS JOHN	
	12.00-01.50	T TH	F1	108		
5	02.00	M F	F1	111	REYNOLDS JOHN	
	02.00-03.50	T TH	F1	111		
109A	CALC MACH			03.0	CR	
1	09.00	MTWTHF	FI	113	VANCIL ALICE	
2	11.00	MTWTHF	FI	113	JOHNSTON CHESTER	
3	02.00	MTWTHF	FI	113	VANCIL ALICE	
4	03.00	MTWTHF	FI	113	JOHNSTON CHESTER	
5	06.30-09.00 PM	T TH	FI	113	JOHNSTON CHESTER	
126	FUND OF BUSINESS			03.0	CR	
1	09.00	M W F	F1	111	RICHEY HELEN	
2	07.00-08.30 PM	M W	F1	111	RICHEY	
201A	ACCOUNTING			04.0	CR	
1	08.00	MTWTHF	F1	108	VAUGHN EUGENE	
204A	COST ACCOUNTING			04.0	CR	
	PREREQ *ACC 101C					
1	10.00	MTWTHF	F1	111	MARKWELL J KENNETH	
2	01.00	MTWTHF	F1	108		
226A	BUSINESS LAW			04.0	CR	
1	09.00	MTWTH	H4	233	CUNDIFF JOHN W	
2	02.00	MTWTH	H4	233		
226B	BUSINESS LAW			04.0	CR	
1	11.00	MTWTH	H4	233	CUNDIFF JOHN	
227	OFFICE ADMIN & SUP			04.0	CR	
	PREREQ *ACC 126					
1	12.00	MTWTHF	H4	233	MARKWELL	

### Architectural Drafting (\*AD)

110A	ARCHITECT DRAFTING			05.0	CR	
	PREREQ MUST BE TAKEN IN A,B SEQUENCE					
1	08.00-11.50	M W F	H EC	304	LOUGEAY	
2	08.00-11.50	M W F	MI	108	RUTLEDGE	
3	08.00-11.50	M W F	H1	237		
4	01.00-04.50	M W F	H EC	304		
5	01.00-04.50	M W F	MI	108	RUTLEDGE	
110B	ARCHITECT DRAFTING			03.0	CR	
	PREREQ *AD 110A					
1	01.00-03.50	T TH	H EC	304		
146A	FREEHAND ARCH GRAPH			03.0	CR	
1	08.00-10.50	T TH	MI	108	POOL SAM	
2	01.00-03.50	T TH	MI	108	RUTLEDGE	
3	01.00-03.50	T TH	H1	237		
146B	FREEHAND ARCH GRAPH			03.0	CR	
1	01.00-03.50	T TH	H EC	304		

147	HISTORY ARCHITECT				03.0	CR	
1	11.00	M W F	MI		112	POOL SAM	
2	01.00	M W F	MI		112	LOUGEAY	
153B	MECH & STRENGTH-MAT				04.0	CR	
	PREREQ *AD 153A						
1	08.00-09.50	MTWTHF	L3		120	STALEY GLENN	
221A	ARCHITECTURAL DES				04.0	CR	
1	08.00-10.50	M W F	MI		113	LITTLE	
2	01.00-03.50	M W F	MI		113	LITTLE	
250A	MATERIALS & METHODS				04.0	CR	
1	TO BE ARRANGED						
2	08.00-11.50	M W	H EC		304		
	11.00		F H EC		304		
3	08.00-11.50	T TH	MI		113		
	11.00	W	MI		113		
4	01.00-04.50	T TH	MI		113	POOL	
	11.00	W	MI		113		
258	STRUCTURAL ELEMENTS				04.0	CR	
	PREREQ *AD 153 OR CONSENT OF ADVISER						
1	12.00	MT THF	MI		112	LITTLE	

### Aviation Technology (\*AT)

105	AIRCRAFT INSTRUMENTS				04.0	CR	
1	12.00	W	AVTECH		116		
	04.00	T TH	AVTECH		116		
	02.00-03.50	T TH	AVTECH		128		
110	AIRC STRUCT-FAB&REP				06.0	CR	
1	09.00	W	AVTECH		116		
	10.00	M W F	AVTECH		117		
	01.00-03.50	T TH	AVTECH		137		
	12.00	T TH	AVTECH		106		
2	09.00	M	AVTECH		106		
	02.00	M	AVTECH		117		
	09.00-10.50	T TH	AVTECH		131		
	02.00-03.50	W	AVTECH		131		
	08.00-09.50	F	AVTECH		106		
111	MATERIALS & PROCESS				05.0	CR	
1	03.00	MTWTHF	AVTECH		117		
	01.00-02.50	T TH	AVTECH		135		
	01.00	F	AVTECH		135		
2	03.00	MTWTHF	AVTECH		117		
	01.00-02.50	M W	AVTECH		135		
	02.00	F	AVTECH		135		
112	AIRCRAFT ELECT-BASIC				06.0	CR	
1	10.00	MT THF	AVTECH		106	DAROSA & LEE	
	01.00-02.50	T TH	AVTECH		127		
	01.00-03.50	M W F	AVTECH		127		
113	AIRCRAFT INSTRUMENTS				03.0	CR	
1	09.00	T TH	AVTECH		106		
	09.00-10.50	W	AVTECH		106		
114	WT & BALANCE & FAR				04.0	CR	
1	12.00	MTWTHF	AVTECH		117		
	08.00	T TH	AVTECH		135		
	04.00	T TH	AVTECH		135		
202	AIRCRAFT ELEC SYS				04.0	CR	
	PREREQ *AT 112						
1	11.00	M F	AVTECH		106		
	11.00	W	AVTECH		116		
	11.00-12.50	T TH	AVTECH		128		
203	AERODYNAMICS				04.0	CR	
1	10.00	M F	AVTECH		135		
	09.00-10.50	W	AVTECH		135		
2	12.00	M W F	AVTECH		106		
	01.00-02.50	M F	AVTECH		135		
204	AIRCRAFT HYDRAULICS				04.0	CR	
1	09.00	M W F	AVTECH		117		
	10.00-11.50	M F	AVTECH		132		
2	01.00-03.50	M F	AVTECH		116		
	09.00	M W F	AVTECH		117		



205	CABIN ENVIRON - PAC			03.0 CR	
1	08.00	MT		AVTECH 135	
	02.00	TWTH		AVTECH 116	
	03.00-04.50	T		AVTECH 135	
2	03.00-04.50	T		AVTECH 135	
	08.00	MT		AVTECH 135	
	02.00	TWTH		AVTECH 116	
206	METAL & PROCESSING			05.0 CR	
1	10.00-12.50	M F		AVTECH 135	
	11.00	TWTH		AVTECH 106	
2	11.00	TWTH		AVTECH 106	
	08.00-10.50	T TH		AVTECH 131	
207	AIRCRAFT INSPECTION			02.0 CR	
1	01.00	T		AVTECH 116	
	01.00-04.50	M F		AVTECH 135	
209	WT BALANCE INSPECT			06.0 CR	
1	10.00	MTWTHF		AVTECH 116	
	08.00-09.50	M W F		AVTECH 135	
210	AIRCRAFT IGNITION			04.0 CR	
1	08.00	W		AVTECH 106	VANERKA CHARLES A
	11.00	T TH		AVTECH 117	
	08.00-10.50	T TH		AVTECH 127	
2	03.00	F		AVTECH 106	
	11.00	T TH		AVTECH 117	
	02.00-03.50	T TH		AVTECH 128	
211	RECIPROCAT PWRPLNTS			05.0 CR	
1	01.00	M W F		AVTECH 106	BURKEY
	08.00-09.50	M W F		AVTECH 134	
212	CARBURETION & LUB			05.0 CR	
1	01.00	T TH		AVTECH 106	
	02.00	M		AVTECH 116	
	10.00-11.50	M W F		AVTECH 119	
214	PROPELLERS			03.0 CR	
1	09.00	T TH		AVTECH 117	BURKEY PAUL
	02.00	F		AVTECH 116	
	10.00-12.50	T TH		AVTECH 118	
215	PWRPLANT TEST&INSP.			04.0 CR	
	PREREQ 1ST,2ND, 5TH QTRS			COURSES	
1	11.00	M F		AVTECH 117	SCHAFFER JOSEPH AL
	08.00-10.50	M F		AVTECH 134	
216	JET PROPULSION			05.0 CR	
1	01.00	M W F		AVTECH 116	DAROSA EDMUND A
	02.00-03.50	M W F		AVTECH 133	
	11.00	W		AVTECH 117	
220	JET TRANS AIR SYS			03.0 CR	
1	01.00	TH		AVTECH 116	
	03.00-04.50	W		AVTECH 106	
	03.00-04.50	TH		AVTECH 119	
2	02.00-03.50	F		AVTECH 119	
	01.00	F		AVTECH 117	
	03.00-04.50	M		AVTECH 106	
	04.00	F		AVTECH 117	
230A	PRIVATE PILOT			02.0 CR	
1	12.00	M W F		AVTECH 106	
230B	PRIVATE PILOT			01.0 CR	
1	TO BE ARRANGED				
231	BASIC FLIGHT			03.0 CR	
	PREREQ *AT 230				
1	TO BE ARRANGED				
232	INTERMEDIATE FLIGHT			03.0 CR	
	PREREQ *AT 231				
1	TO BE ARRANGED				
233	ADVANCED FLIGHT			03.0 CR	
	PREREQ *AT 232				
1	TO BE ARRANGED				
234	INSTRUMENT FLIGHT			03.0 CR	
	PREREQ *AT 233				
1	TO BE ARRANGED				

**Automotive Technology (\*AUT)**

101A	AUTO LAB--ENG			05.0	CR	
1	08.00-10.50	MTWTHF	L2	108	ROMACK	
2	11.00-01.50	MTWTHF	L2	108	WHITE	
101B	AUTO LAB-BR & STEER			05.0	CR	
1	08.00-10.50	MTWTHF	L1	108	JONES	
101C	AUTO LAB-IGN & CARB			05.0	CR	
1	02.00-04.50	MTWTHF	L2	108	MCDONALD	
125A	AUTO THE--ENGINES			05.0	CR	
1	01.00	MTWTHF	L2	105	ROMACK	
2	02.00	MTWTHF	L2	105	WHITE	
125B	AUTO THE-BR & STEER			05.0	CR	
1	03.00	MTWTHF	L2	105	JONES	
125C	AUTO THE-IGN & CARB			05.0	CR	
1	09.00	MTWTHF	L2	105	MCDONALD	
201A	AUTO LAB-POWER OPT			05.0	CR	
	PREREQ 101C AND 125C					
1	01.00-03.50	MTWTHF	L2	102	KAZDA	
201B	AUTO LAB-TRANS POWR			05.0	CR	
	PREREQ 101C AND 125C					
1	09.00-11.50	MTWTHF	L2	102	WILLEY	
201C	AUTO LAB-DIAGNOSIS			05.0	CR	
	PREREQ 101C AND 125C					
1	02.00-04.50	MTWTHF	L1	108	SHELTON	
220A	AUTO TH-POWER OPT			05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201					
1	10.00	MTWTHF	L2	105	KAZDA	
220B	AUTO TH-TRANS POWER			05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201					
1	08.00	MTWTHF	L2	105	WILLEY	
220C	AUTO TH-DIAGNOSIS			05.0	CR	
	PREREQ 101C AND MUST BE TAKEN CONCURRENTLY WITH 201					
1	11.00	MTWTHF	L2	105	SHELTON	

**Commercial Art (\*CA)**

101	ART ANALYSIS			03.0	CR	
1	08.00	M W F	N1	101	KNUTSEN	
2	01.00	M W F	N1	101	HOFFMAN	
125	TECHNIQUES			10.0	CR	
1	09.00-11.50	M W F	N1	101	KNUTSEN	
	08.00-11.50	T TH	N1	101		
2	01.00-04.50	T TH	N1	101	HOFFMAN	
	02.00-04.50	M W F	N1	101		
210A	ADVER & STORY ILLUS			08.0	CR	
1	08.00-11.50	M W F	NI	107	YACK	
2	01.00-04.50	M W F	NI	107	MARTIN	
230A	TECHNICAL ILLUST			07.0	CR	
1	08.00-11.50	T TH	NI	107	YACK	
2	01.00-04.50	T TH	NI	107	MARTIN	

**Corrections and Law Enforcement (\*CLE)**

103	INTRO CRIME CONT			04.0	CR	
1	06.30-09.30 PM	M	H3	153		
107	LAW ENF COM PROB			03.0	CR	
1	TO BE ARRANGED					
115A	INTERPER REL			03.0	CR	
1	06.30-09.00 PM	TH	H3	153		
205	PRIN OF INVEST			04.0	CR	
1	06.30-09.30 PM	W	H3	153		
215	SUP PRAC IN CRIM			09.0	CR	
1	TO BE ARRANGED					

**Dental Hygiene (\*DH)**

130	ORIENT DENTAL HYGE			02.0	CR	
1	08.00	M W	F1	110		
132A	HEAD NECK ANATOMY			04.0	CR	
1	09.00-10.50	T	F1	110	SMITH	

	08.00-10.50	TH	F1	110	
135A	ORAL BASIC SCIENCE			04.0	CR
1	09.00-10.50	M W	F1	110	BUSHEE
210A	CLINICAL DENTAL HYG			05.0	CR
1	09.00-11.50	MTW F	F3	132	
	12.00	F	F1	110	
2	01.00-03.50	MTW F	F3	132	
	12.00	F	F1	110	
213A	DENTAL ASSISTING			03.0	CR
1	09.00-11.50	TH	F3	144	CAVANESS
2	01.00-03.50	TH	F3	144	CAVANESS
217	DENT HEALTH EDUC			02.0	CR
	PREREQ *DH 216,GSD 101A,101B,103,GSB				
	201C SOPH STND IN *DH				
1	12.00	M W	F1	110	PETERSON
218B	CLIN DENT ROENTGEN			02.0	CR
	PREREQ *DH 218A				
1	09.00-10.50	TH	F1	110	BUSHEE
2	02.00-03.50	TH	F1	110	BUSHEE

### Data Processing (\*DP)

101A	AUTO DATA PROC MACH			05.0	CR
1	08.00	MTWTHF	H4	134	
	09.00	MTWTHF	H8	235	
2	01.00	MTWTHF	H4	134	STARKEY
	02.00	MTWTHF	H8	235	
3	03.00	MTWTHF	H4	134	FITZPATRICK
	04.00	MTWTHF	H8	235	
103A	COMP PROG			05.0	CR
	PREREQ DP 101				
1	10.00	MTWTHF	H4	134	STARKEY
	11.00	MTWTHF	H8	235	
107	AUTO DP CONCEPTS			03.0	CR
1	12.00	M W F	H4	134	LOHMEIR
	12.00	T TH	H8	235	
202A	INDUST COMPUT PROG			05.0	CR
	PREREQ MATH 111A DP 103				
1	12.00	MTWTHF	H4	133	FITZPATRICK
	01.00	MTWTHF	H8	235	
203A	BUS COMP PROG			05.0	CR
	PREREQ DP 103A & DP 201A				
1	10.00	MTWTHF	H4	133	DICK
	11.00	MTWTHF	H8	140	
2	03.00	MTWTHF	H4	133	DICK
	04.00	MTWTHF	H8	140	
205	SYSTEM DES & DEVEL			05.0	CR
	PREREQ *DP 104				
1	09.00	MTWTHF	H4	133	LOHMEIER
2	02.00	MTWTHF	H4	133	LOHMEIER

### Dental Laboratory Technology (\*DT)

101A	DENTAL PROSTHET LAB			06.0	CR
1	02.00-04.50	M W F	F3	128	LEEBENS
	01.00-04.50	T TH	F3	128	
2	02.00-04.50	M W F	F3	127	LAAKE
	01.00-04.50	T TH	F3	127	
125A	DENT PROSTH THEORY			03.0	CR
1	01.00	M W F	F1	110	LEEBENS
2	01.00	M W F	F1	109	
201A	CROWN & BRIDGE LAB			06.0	CR
1	09.00-11.50	M W F	F3	128	CHRISTY
	08.00-11.50	T TH	F3	128	
2	09.00-11.50	M W F	F3	127	BYKOWSKI
	08.00-11.50	T TH	F3	127	
225A	CROWN & BRIDGE THEO			03.0	CR
1	08.00	M W F	F3	128	CHRISTY
2	08.00	M W F	F1	109	BYKOWSKI

### Electronics Technology (\*ELT)

101A	BASIC ELEC AP & SYS			04.0	CR
1	09.00-10.50	MTWTHF	M3	109	SCHUTZ

2	12.00-01.50	MTWTHF	M3	109	
3	02.00-03.50	MTWTHF	M3	109	CORBELL
125A	BASIC ELECT THEO			05.0	CR
1	11.00	MTWTHF	M3	107	SHULTZ
2	11.00	MTWTHF	M3	110	CORBELL
3	02.00	MTWTHF	M3	110	
127	BASIC TECH CONCEPTS			03.0	CR
1	08.00	M W F	M3	110	CALDWELL
2	09.00	M W F	M3	110	CALDWELL
201A	ADV ELECT APPL			04.0	CR
	PREREQ *ELT 101C, *ELT 125C				
1	08.00-09.50	MTWTHF	M3	112	MORRIS
2	01.00-02.50	MTWTHF	M3	112	MORRIS
225A	ADV IND SYSTMS THEO			05.0	CR
	PREREQ *ELT 101C, *ELT 125C				
1	10.00	MTWTHF	M3	110	CALDWELL
2	03.00	MTWTHF	M3	110	

### Forest Products Technology (\*FP)

101A	WOODWORK-MACHINE			05.0	CR
1	09.00-11.50	M W F	L4	108	CARMAN
	09.00	T TH	L4	106	
128	WOOD TECH			04.0	CR
1	01.00	T TH	L4	106	OSBORN
	10.00-11.50	T TH	L4	106	
129	WOOD FINISHING			03.0	CR
1	08.00	M W F	L4	106	CARMAN
201A	WOODWORK-LIGHT FR			05.0	CR
1	02.00-04.50	M W F	L4	108	OSBORN
	02.00	T TH	L4	106	
232	WOOD PRESERVATION			02.0	CR
1	08.00	T TH	L4	106	OSBORN

### General (\*GEN)

101	BUSINESS CORRESP			03.0	CR
	PREREQ GSD 101A				
1	12.00	M W F	FI	121	
102	TECHNICAL WRITING			03.0	CR
1	08.00	M W F	M3	103	
2	10.00	M W F	MI	112	
3	12.00	M W F	M3	103	
4	03.00	M W F	MI	112	
5	04.00	M W F	FI	108	
104	BUSINESS MATH			03.0	CR
1	10.00	M W F	H4	233	
2	11.00	M W F	M3	103	
3	01.00	M W F	H4	233	
105	TECHNICAL MATH			03.0	CR
	PREREQ SATISFACTORY ACT OR GEN 103				
1	08.00	M W F	H3	151	
2	08.00	M W F	MI	112	
3	09.00	M W F	H3	151	
4	10.00	M W F	H3	151	
5	02.00	M W F	H3	151	
6	04.00	M W F	H3	151	
115A	INTRO TO CHEMISTRY			04.0	CR
	PREREQ DENTAL HYGIENE STUDENT OR CONSENT OF ADVISOR				
1	01.00-02.50	M W F	F3	144	SMITH
2	03.00-04.50	M W F	F3	144	SMITH
120	APPLIED PHYSICS			04.0	CR
	PREREQ GSA 101A,*GEN 107				
1	11.00	M W F	M3	101	HARBISON
	11.00-12.50	TH	M3	101	
2	11.00	M W F	M3	101	HARBISON
	11.00-12.50	T	M3	101	
201	JOB ORIENTATION			02.0	CR
1	08.00	T TH	FI	106	ELDER
	RETAILING				
2	11.00	M F	MI	113	LETE
	ARCHITECTURE				

232	MGT-LABOR RELATIONS		04.0 CR	
1	01.00	MTWTH	AVTECH	116
2	02.00	MTWTH	H3	154

### Highway and Civil Technology (\*HCT)

101A	SURVEYING		05.0 CR	
1	01.00-04.50	T TH	L3	120 BASSETT
	10.00-11.50	T TH	L3	120
202B	COOP WORK EXPER		04.0 CR	
1	TO BE ARRANGED			BASSETT
203	HYDR AND DRAIN		05.0 CR	
	PREREQ GSD 114			
1	10.00-11.50	M W F	L3	120 STALEY

### Library and Audio-Visual Technology (\*LAV)

101	INTRO AUDIO VISUALS		04.0 CR	
1	02.00	MTWTH	HI	120
103	INTRO TO LIBRARIES		04.0 CR	
1	03.00	MTWTH	HI	123
111	CATALOG NONBOOK MAT		04.0 CR	
	PREREQ LAV 107, 109			
1	06.00-07.50 PM	T TH	HI	123
209	LIB-A V INTERN		04.0 TO 12.0 CR	
	PREREQ 20 HRS LAV			
1	TO BE ARRANGED			
211	LIB TECH SERVICES		04.0 CR	
	PREREQ LAV 201, 203			
1	TO BE ARRANGED			
213	INTRO TO PHOTO		04.0 CR	
1	06.00-07.50 PM	M W	HI	120

### Mortuary Science (\*MS)

101A	FUNERAL HIST & CUST		03.0 CR	
1	08.00	M W F	L3	109 BOULANGER
202A	RESTORATIVE ART		03.0 CR	
1	01.00	T TH	L3	109 HERTZ
	02.00-04.50	T	F3	144
2	01.00	T TH	L3	109
	02.00-04.50	TH	L3	106
203	INTRO TO EMBALMING		03.0 CR	
	PREREQ CHEM 110, 240, PHSL 300, GSA 301			
1	03.00	M W F	L3	109 BOULANGER
205A	PATHOLOGY		03.0 CR	
1	04.00	M W F	L3	109 HERTZ
210A	PSYCH FUNERAL SERV		03.0 CR	
	PREREQ PSYC 305 OR 307			
1	02.00	M W F	L3	109 BOULANGER

### Machine Drafting and Design Technology (\*MT)

101A	GRAPHICS		07.0 CR	
1	08.00-10.50	MTWTHF	MI	101 BEAUCHAMP
2	02.00-04.50	MTWTHF	MI	101 LAMPMAN
127	ELEC HYD PN CONTRLS		03.0 CR	
	PREREQ 101 VTI G 107			
1	08.00	M W F	L1	105 SANDERS
175A	TECHNICAL DRAWING		03.0 CR	
1	09.00	MTWTHF	H3	147
2	11.00	MTWTHF	H3	147 BEAUCHAMP
3	03.00	MTWTHF	H3	147
4	03.00-04.50	M W	AVTECH	101
	03.00	F	AVTECH	101
201A	MACH DRAFTG DESIGN		05.0 CR	
	PREREQ 101, 225 AND GSD 114 CONCURRENT OR CONSENT OF ADVISER			
1	11.00-01.50	MTWTHF	MI	101 MUHICH
225	KINEMATICS		03.0 CR	
	PREREQ 101, AND GSD 114, *MT 201A CONC. OR CONSENT OF ADVISER			
1	10.00	M W F	H3	147



226A	STAT STRENGTH MAT			02.0 CR	
	PREREQ	D201 CONCURRENTLY, GSD 114C OR			
		CONSENT OF ADVISER			
1	09.00	T TH	H3	151	
2	10.00	T TH	H3	151	

### Practical Nursing (\*PN)

101	BASIC NURSING			05.0 CR	
1	08.00-11.50	M	H5	210	
	01.00-02.50	MTWTHF	H5	210	
110	NURSING PRACTICE			05.0 CR	
1	TO BE ARRANGED				
131	HEALTH			04.0 CR	
1	08.00-11.50	TW	H5	210	
	03.00	MTWTHF	H5	210	

### Printing Technology (\*PT)

101A	PRESS LAB-HAND PLAT			06.0 CR	
1	02.00-04.50	MTWTHF	L3	110	
	AUTO PLATEN				
125A	PRESS THE-HAND PLAT			03.0 CR	
1	01.00	M W F	L3	109	
	AUTO PLATEN				
201A	COMPOSITION LAB			06.0 CR	
1	08.00-10.50	MTWTHF	L3	110	
225A	COMPOSITION THEORY			03.0 CR	
1	11.00	M W F	L3	109	

### Physical Therapy (\*PTH)

100A	PHYS THERAPY ORIENT			01.0 CR	
	PREREQ	NONE			
1	01.00	M			301A BANAITIS
200	PHYS THER SCI PRACT			03.0 CR	
	PREREQ	PTH 100-3			
1	TO BE ARRANGED				
203	PATHOLOGY			02.0 CR	
	PREREQ	GSA 301A, PHSL 300			
1	04.00	M W F	L3	109	HERTZ
207	MASSAGE			02.0 CR	
	PREREQ	PHSL 300-4, GSA 301-4			
1	04.00	M W	WHAM	124	OKITA
213	THERAPEUTIC MODALIT			03.0 CR	
	PREREQ	GSA 101, GSA 301			
1	04.00	T TH	WHAM	303	

### Retailing, Cooperative (\*RET)

124	INTRO TO RETAILING			04.0 CR	
1	09.00	MTWTH	FI	112	ELDER
176	PRODUCT ANALYSIS			03.0 CR	
1	01.00	M W F	FI	112	ELDER
177A	PRODUCT INFO LAB			05.0 CR	
1	10.00-11.50	MTWTHF	FI	112	SODERSTROM
177B	PRODUCT INFO LAB			05.0 CR	
1	02.00-03.50	MTWTHF	FI	112	ELDER
201A	CO-OP WORK EXP			08.0 CR	
1	TO BE ARRANGED				THOMPSON & ELDER
2	TO BE ARRANGED				THOMPSON & ELDER
207B	SALES PROMOTION			02.0 CR	
1	01.00	T TH	FI	106	ELDER

### Secretarial (\*SCR)

101A	TYPEWRITING			03.0 CR	
1	10.00	MTWTHF	FI	121	VANCIL
101C	TYPEWRITING			03.0 CR	
1	07.00-08.30 PM	T TH	FI	107	VANCIL
104A	SHORTHAND			06.0 CR	
1	10.00	MTWTHF	FI	103	GREATHOUSE
	11.00	MTWTHF	FI	121	
2	01.00-02.50	MTWTHF	FI	121	GREATHOUSE

107	FILING & DUPLICTG			03.0	CR	
	PREREQ 101A OR	CONSENT OF ADVISER				
1	08.00	MTWTH	F1	103	GREATHOUSE	
2	01.00	MTWTH	F1	103	VANCIL	
120A	MACHINE SHORTHAND			06.0	CR	
1	11.00-12.50	MTWTHF	FI	102		
150	LEGAL ETHICS			02.0	CR	
1	TO BE ARRANGED					MIRIANI
205A	TYPEWRITING			03.0	CR	
1	08.00	MTWTHF	F1	107	NORMAN	
2	10.00	MTWTHF	F1	107		
3	01.00	MTWTHF	F1	107	MIRIANI	
209A	SHORTHAND			06.0	CR	
1	09.00-10.50	MTWTHF	FI	102	MIRIANI	
2	02.00-03.50	MTWTHF	F1	107		
214A	COOP SEC EXP		02.0 TO	05.0	CR	
	PREREQ *SCR 104C					
1	TO BE ARRANGED					
220A	MACHINE SHORTHAND			05.0	CR	
	PREREQ *SCR 112					
1	08.00	MTWTHF	FI	102	MIRIANI	
	09.00	MTWTHF	F1	107		
223	SECRETAR OFF PROC			05.0	CR	
1	12.00	MTWTHF	F1	107	NORMAN	
225A	MEDICAL SHORTHAND			06.0	CR	
1	03.00-04.50	MTWTHF	FI	102	TOOLEY	
230A	TESTIMONY & DEPOSIT			03.0	CR	
	PREREQ *SCR 112					
1	02.00	MTWTHF	FI	102	MIRIANI	
235A	ADV LEGAL DICTATION			03.0	CR	
	PREREQ *SCR 112					
1	10.00	MTWTHF	F1	103	MIRIANI	

#### Tool and Manufacturing Technology (\*TT)

101A	M TOOL LAB-ENG BEN			05.0	CR	
1	10.00-12.50	MTWTHF	LI	101	SANDERS	
2	02.00-04.50	MTWTHF	LI	101		
125A	M TOOL THE-INTRO			03.0	CR	
1	01.00	M W F	M1	107		
176A	MANUFACTURING PROC			03.0	CR	
1	11.00	M W F	M1	107	TREGONING	
176B	MANUFACTURING PROC			03.0	CR	
1	02.00	M W F	M1	107	TRAYLOR	
201A	ADV T LAB-TOOL-DIE			03.0	CR	
1	08.00-09.50	M W F	LI	101	TRAYLOR	
225A	AD M TOOL THE-QUAL			03.0	CR	
1	03.00	M W F	M1	107	TRAYLOR	
275B	METALLURGY-FERROUS			03.0	CR	
1	02.00	MTWTHF	M4	102		
2	03.00	MTWTHF	M4	102		

#### Welding (\*WEL)

175	OXY-ACET-ELEC ARC			03.0	CR	
1	11.00	MTWTHF	M4	107		
2	01.00	MTWTHF	M4	107		

#### Water Resources Technology (\*WRT)

101	WATER RES TEC-INTRO			02.0	CR	
1	01.00-04.50	T	H3	153	COTE	



This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center. 2. Note: Avoid scheduling two classes at the same time. 3. It is suggested that you also make an alternative schedule. 4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
* *												
* *												

\* Write in times for night classes.





Southern  
Illinois  
University  
Bulletin

1971/1972  
Graduate Catalog  
Carbondale



## This Issue . . . . .

of the *Southern Illinois University Bulletin* covers in detail questions concerning the School of Graduate Studies and Research and applies to the Carbondale Campus. It supersedes Volume 12, Number 6.

THE FOLLOWING issues of the *Southern Illinois University Bulletin* may be obtained free from Central Publications, Southern Illinois University Carbondale, Illinois 62901.

Graduate Catalog

Preview (for Prospective Students)

Schedule of Classes. Please specify quarter (fall, winter, spring, or summer).

Undergraduate Catalog. The catalog is available for examination in high school guidance offices and libraries throughout Illinois and in some other states. Copies will be furnished free to educational institutions upon request and to new students upon matriculation. The catalog may be purchased at the University Bookstore for \$1; mail orders should be sent to Central Publications and must include remittance payable to Southern Illinois University.

Vocational-Technical Institute Catalog.

This publication is not a contract or offer to contract. The Board of Trustees, University executive officers, and their agents reserve the right to change information contained herein without notice when circumstances warrant such action.

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# University Calendar

<i>SUMMER, 1971</i>	Quarter Begins	Monday, June 21 *
	Independence Day Holiday	Monday, July 5
	Final Examinations	Monday–Friday, August 30–September 3
	Commencement (Edwardsville)	Friday, September 3
	Commencement (Carbondale)	Saturday, September 4
<i>FALL, 1971</i>	New Student Days	Sunday–Tuesday, September 19–21
	Quarter Begins	Tuesday, September 21 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 23–29
	Final Examinations	Saturday–Friday, December 11–17
<i>WINTER, 1972</i>	Quarter Begins	Monday, January 3 *
	Washington's Birthday Holiday	Monday, February 21
	Final Examinations	Saturday–Friday, March 11–17
<i>SPRING, 1972</i>	Quarter Begins	Monday, March 27 *
	Memorial Day Holiday	Monday, May 29
	Final Examinations	Saturday–Friday, June 3–9
	Commencement (Carbondale)	Friday, June 9
	Commencement (Edwardsville)	Saturday, June 10
<i>SUMMER, 1972</i>	Quarter Begins	Monday, June 19 *
	Independence Day Holiday	Tuesday, July 4
	Final Examinations	Monday–Friday, August 28–September 1
	Commencement (Carbondale)	Friday, September 1
	Commencement (Edwardsville)	Saturday, September 2
<i>FALL, 1972</i>	New Student Days	Sunday–Tuesday, September 17–19
	Quarter Begins	Tuesday, September 19 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 21–27
	Final Examinations	Saturday–Friday, December 9–15
<i>WINTER, 1973</i>	Quarter Begins	Tuesday, January 2 *
	Washington's Day Holiday	Monday, February 19
	Final Examinations	Saturday–Friday, March 10–16

\* Classes begin with the evening classes after 5:30 P.M. at Carbondale and with the evening classes after 4:30 P.M. at Edwardsville.



## Board of Trustees

	<i>Term Expires</i>
Harold R. Fischer, <i>Chairman</i> , Granite City	1975
Ivan A. Elliott, Jr., <i>Vice-Chairman</i> , Carmi	1973
Martin V. Brown, <i>Secretary</i> , Carbondale	1973
William W. Allen, Bloomington	1975
Edwin C. Berry, Chicago	1977
Harris Rowe, Jacksonville	1977
Earl E. Walker, Harrisburg	1977
Michael J. Bakalis ( <i>Ex-officio</i> ), Springfield	

## Officers of Administration

### University Administrative Council

Clarence W. Stephens, *Chairman*

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Robert G. Layer

John S. Rendleman

Ralph W. Ruffner

James M. Brown (*Ex-officio*)

John M. H. Olmsted, Dean, School of Graduate Studies and Research

Donald L. Beggs, Associate Dean

Ronald G. Hansen, Associate Dean and Coordinator of Research and  
Projects

Walter E. Schmid, Associate Dean

William D. Randall, Assistant to the Dean

Robert A. McGrath, Dean of Admissions and Records

# 1 / The School of Graduate Studies and Research

## **The Role of the School of Graduate Studies and Research**

The primary concern of the School of Graduate Studies and Research is graduate instruction and research at Southern Illinois University at Carbondale. The School of Graduate Studies and Research therefore plays an essential role in the development of instructional and research programs, in the acquisition of funds, and in the procurement of facilities necessary to encourage and support the research of the members of its scholarly community. In addition, the School of Graduate Studies and Research is a major contributor to the public services provided by the University to the region, the state, the nation, and a number of other countries. In all of its programs of instruction and research, the School of Graduate Studies and Research sets a high standard of achievement. It is in those students who have demonstrated this quality of excellence by completing advanced courses of study and by achieving significant results in their research that the School of Graduate Studies and Research makes its contribution to the public welfare.

Research is of special concern because the faculty must engage in scholarly research activities to maintain its effectiveness and also because advanced instruction of graduate students consists mainly of guidance in research. For these reasons, University policies governing research are developed by the School of Graduate Studies and Research and administered through it. The School of Graduate Studies and Research assists in the continuing development of the research activities of the University. University support for individual research projects is available to faculty members through the special research projects program administered by the School of Graduate Studies and Research. The School of Graduate Studies and Research also supervises cooperative research projects and particularly assists applicants in the preparation and submission of research proposals that involve outside support from such sources as government, foundations, business, and industry.

## **Morris Library**

Morris Library contains over 1,250,000 volumes and subscribes to more than 10,000 periodicals. An average of 80,000 to 90,000 volumes is added to the collection each year. In addition to books and journals, the library has extensive collections of maps, manuscripts, and films. Morris Library is also a depository for federal, state, and U.N. documents. A major source for research in the behavioral sciences is the Human Relations Area files, consisting of copies of some 3,000,000 documents, books, articles, and manuscripts covering 170 world cultures.

Supplementing the resources of Morris Library is the Center for Research Libraries, in which the University holds membership. A printed book catalog of the center's some 2,000,000 volumes is available for con-

sultation. The extensive scientific journal collection of the Argonne National Laboratory is also available to graduate students in person or on interlibrary loan.

### **Data Processing and Computing Center**

The Data Processing and Computing Center supports both the academic and the administrative needs of the University. A sizable instructional activity as well as the research activity of both faculty and students is supported. The center is presently equipped with an IBM System 360 model 50, an IBM 1130, and an IBM 1401. A variety of sorting and tabulating equipment is also available.

Academic support activities of the center include maintenance of research program library, consulting about computing problems, and non-credit instruction in computing. Arrangements can be made for both faculty and graduate students to use the services and facilities of the center at no personal cost.

### **University Placement Services**

The University Placement Services assists students and alumni seeking career employment. Maximum benefit from its services is assured for students who file their resumes approximately three quarters prior to graduation. Alumni should periodically update their resumes which are placed on permanent file. All inquiries concerning this free service should be made to the director of the University Placement Services.

### **Housing**

There is no on-campus housing for single graduate students. Therefore they will find it necessary to locate private housing facilities.

The Housing Information Center, Washington Square, Building C maintains current information on rooms, apartments, houses for rent or sale, and trailer parks. The staff of this center will assist students in location of accommodations. Experience has shown that satisfactory arrangements cannot be made by mail. A personal visit is usually required. Prices vary widely, ranging from \$20 a month for trailer spaces to \$15 a month or more for houses and apartments.

All arrangements for off-campus housing and all business transactions in the matter of this type of housing are the sole responsibility of the student and owner of the housing facility.

University-owned housing for married students includes 304 unfurnished two- or three-bedroom air-conditioned apartments; 272 furnished efficiency, one-, or two-bedroom apartments; and a 53-space trailer court.

Because the demand for University housing for married students exceeds the supply, information should be requested early from Housing Business Services, Washington Square, Building D.

### **Health Services**

The Health Service provides medical care to include 24-hour emergency service to graduate students who pay the student activity fee. The Health Service offers X-ray, laboratory, pharmacy, infirmary, and ph



sician services. Those students that elect not to pay the student activity fee may utilize the medical services on a fee-for-service basis.

## Financial Assistance

### *Fellowships, Preceptorships, Internships, and Assistantships*

Inquiries may be addressed to department chairmen.

Graduate fellowships are available in all areas of graduate study upon application to the appropriate chairman, and are awarded by the graduate school on the basis of scholarship. The award is normally made for four consecutive quarters; for master's degree students the stipend is \$255 per month, or \$3,060 for the four quarters; for doctoral degree students the stipend is \$275 per month, or \$3,300 for four consecutive quarters. There is a remission of tuition but not other fees. There is no service requirement. All application materials should be submitted to the student's major department chairman before February 1 preceding the academic year for which the fellowship is desired.

Special doctoral assistantships are available for students who hold the master's degree, or its equivalent, from another institution, and who have been admitted to one of the doctoral programs. Application is made to the appropriate chairman, and the awards are made by the graduate school upon the basis of scholarship. The award is normally made for four consecutive quarters and carries a stipend of \$330 per month, or \$3,960 for four quarters. Extension to an additional four quarters is possible upon recommendation of the department chairman. There is a remission of tuition but not other fees. There is a service requirement, with the specific duties to be assigned by the chairman of the department. Application deadlines and procedures are the same as for graduate fellowships.

A number of preceptorships are offered by the University to students who are excellent teachers as well as superior scholars. These positions pay a stipend which ranges from \$300 to \$375 per month for the academic year, with the exact amount depending upon assignment, experience, and academic achievement. Remission of tuition is granted, but fees must be paid. Service of 10 hours per week, or corresponding load in teaching, is required. Preceptors must carry no more than 12 hours and no less than 6 hours of credit per quarter. Application should be made to the appropriate chairman before February 1 preceding the academic year for which the assignment is sought.

Teaching, research, and graduate assistantships, and graduate internships are available in a number of departments and from research agencies. These positions pay stipends which range from \$240 to \$350 per month, with the exact amount depending upon the assignment, experience, and academic achievement of the student. Rules applying to tuition, fees, and service loads are the same as those for preceptorships.

National Defense Education Act Title IV fellowships are available to outstanding students in some departments offering doctoral work. Awards are for three years with stipends beginning at \$2,400 and rising to \$2,600 and then \$2,800 in successive years, plus a dependency allowance. Traineeships through the National Science Foundation are also available to outstanding students in some doctoral fields in the physical, biological, and social sciences. Stipends begin at \$2,400 and rise in successive years to \$2,600 and then \$2,800, with a dependency allowance in each case.

Inquiry concerning the departments participating in the National Defense Education Act Title IV fellowship program and National Science Foundation traineeship should be made to the dean of the graduate school, while application for the awards is made directly to the department chairmen. The nominations for the awards are made before June 1. Applications should be made by February 1 of the year preceding the year for which the award is sought.

### Student Work and Financial Assistance Office

The University maintains an Office of Student Work and Financial Assistance through which work on and off campus, cooperative work-study programs, summer employment, the federal work-study programs, and scholarships, awards, prizes, grants-in-aid, private agency awards, and student loan funds are negotiated.

Additional information may be obtained from the Director of Student Work and Financial Assistance program.

### Tuition and Fees

The tuition and fees charged students are established by the Board of Trustees and are subject to change whenever conditions make change necessary. Effective fall quarter 1971, fees per quarter for graduate students are as follows:

	Not more than 5 hrs	More than 5, less than 11	11 or more
Tuition—Illinois Resident .....	\$ 48.00	\$ 95.00	\$143.00
Tuition—Out of State .....	( 143.00)	( 286.00)	( 429.00)
Student Welfare and Recreation			
Building Trust Fund Fee .....	5.00	10.00	15.00
Student Activity Fee .....	3.50	7.00	10.50
University Center Fee .....	5.00	5.00	5.00
Athletic Fund Fee .....	3.00	6.50	10.00
<i>Total</i> —Illinois Resident .....	\$ 64.50	\$123.50	\$183.50
<i>Total</i> —Out of State Resident .....	(\$159.50)	(\$314.50)	(\$469.50)

The student activity fee includes the fees for limited hospitalization, entertainment, the student newspaper and yearbook, and such other privileges as may be provided.

Teaching, research, and graduate assistants, graduate interns, and graduate fellows do not pay tuition and have an option on paying the student activity fee. They pay other fees.

NDEA (Title IV) fellows and NSF trainees pay neither fees nor tuition.

In addition to the above fees, a student is subject to certain other charges under the conditions listed below:

1. A matriculation fee of \$5, which is assessed a graduate student the first time he registers if he is not a graduate of Southern Illinois University.
2. A late registration fee of \$5.00 when a student registers after the regular registration period has ended.



3. A graduation fee of \$17; and, for doctoral candidates, a dissertation microfilming fee of \$25-\$40, depending upon the service selected.

4. Other charges which a student may incur are those for field trips, library fines, and excess breakage. A student taking a course involving use of materials, as distinct from equipment, will ordinarily pay for such materials.

### Graduate Degrees Offered

Graduate degrees are available in the following fields:

#### *Master of Arts*

Anthropology	Government	Rehabilitation
Behavior Modification	History	Administration
Biological Sciences	Inter-American	Rehabilitation
Botany	Studies	Counseling
Economics	Journalism	Sociology
English	Linguistics	Spanish
English as a Foreign	Mathematics	Speech
Language	Microbiology	Speech Pathology and
French	Philosophy	Audiology
Geography	Physics	Theater
Geology	Physiology	Zoology
German	Psychology	

#### *Master of Business Administration*

Business Administration

#### *Master of Fine Arts*

Art

#### *Master of Music*

Music

#### *Master of Music Education*

Music

#### *Master of Science*

Agricultural Industries	Engineering	Psychology
Animal Industries	Family Economics and	Rehabilitation
Applied Science	Management	Administration
Behavior Modification	Food and Nutrition	Rehabilitation
Biological Sciences	Forestry	Counseling
Botany	Geography	Sociology
Chemistry and	Geology	Speech
Biochemistry	Home Economics	Speech Pathology and
Child and Family	Education	Audiology
Clothing and Textiles	Journalism	Technical and
Community	Mathematics	Industrial Education
Development	Microbiology	Theater
Computer Science	Physics	Zoology
Design	Physiology	
Economics	Plant Industries	

*Master of Science in Education*

College Student Personnel	Educational Psychology	Recreation and Outdoor Education
Early Childhood Education	Health Education Higher Education	Secondary Education
Educational Administration and Foundations	Home Economics Education	Secretarial and Business Education
Elementary Education	Instructional Materials	Special Education
Guidance and	Physical Education	Technical and Industrial Education

*Doctor of Philosophy*

Anthropology	Government	Psychology
Botany	Historical Studies	Sociology
Chemistry and Biochemistry	Journalism	Speech/Theater
Economics	Mathematics	Speech Pathology and Audiology
Education	Microbiology	Zoology
English	Molecular Science	
Geography	Philosophy	
	Physiology	

*Admission to Graduate Study*

A student should obtain application forms from the School of Graduate Studies and Research and submit application, with other supporting material, directly to the graduate school where it will be evaluated for compliance with graduate school admission requirements. The student must have the registrar of each college previously attended (except Southern Illinois University at Carbondale) send three official transcripts of his record to the graduate school. Only if these steps are taken and if the student seeks a degree will the application be forwarded to the department\* in which the student indicates his desired major. The admission requirements of the graduate school and the department must both be met before the student is admitted either conditionally or unconditionally and both the graduate school and the department may specify conditions. Several departments require additional materials such as test scores or letters of recommendation. The student will be informed of his admission status after this process has been completed. Admission to the graduate school is determined almost entirely by the caliber of the applicant's previous college work.

Applications which are received too late for processing may be granted unclassified (nondegree) admission status for the quarter for which admission was originally sought. The application papers will continue to be processed for admission to a degree program only for the quarter following the one originally applied for. If the student decides to enter as an unclassified student, this will in no way influence the decision relative to his acceptance as a degree candidate. Whether work taken by a student who is unclassified because of late application will later count toward degree will be decided by the graduate school and the department concerned.

\* The word "department" is used here to designate any academic or administrative unit offering work leading to one or more graduate degrees.

A student who wishes to enter the School of Graduate Studies and Research immediately after graduation may submit his application when he is within one quarter or semester of graduation. He must submit a transcript showing the work he has completed, and when his final quarter or semester of undergraduate work is completed, a transcript of that work must also be submitted.

An undergraduate student who is within 16 quarter hours of a bachelor's degree may take courses for graduate credit by applying for admission to the graduate school in the usual way. At the time of registration, he must also obtain the approval of the graduate dean to take such courses for graduate credit. He remains an undergraduate student officially until he completes his baccalaureate requirements.

A student who is applying for an assistantship or fellowship and who submits a transcript in support of that application must also submit an application for admission and transcripts directly to the graduate school for admission processing.

#### *Admission to Graduate Study as an Unclassified Student*

A person may apply for admission to the University as an unclassified student when he does not seek a graduate degree or certificate, or when he has applied too late for the quarter for which he seeks admission. A person who seeks admission as an unclassified graduate student must present evidence that he holds a bachelor's degree and that his overall undergraduate grade point average is 3.400 or higher ( $A = 5.000$ ).

#### *Admission of International Students*

A student from abroad is subject to all requirements for admission established by the graduate school. In addition, he must complete special forms pertaining to the admission of international students. For these admission forms and for other information concerning international students, inquiries should be sent to the director of foreign admissions, Registrar's Office, Southern Illinois University, Carbondale, Illinois 62901.

All foreign-born applicants must apply through the foreign admissions office unless they are certified as residents by the Registrar's Office.

To allow ample time for visa and other departure procedures, the applicant should have his application and all supporting documents on file with the University no less than four months prior to his proposed entry date.

An international student must be enrolled in a program leading to a graduate degree. He cannot be admitted as an unclassified student.

If the above requirements are satisfactorily met and the student is admitted to a degree program, he will be required to certify to the director of foreign admissions that he has adequate financial resources available to him to undertake and continue in a program of study.

#### *Test of English as a Foreign Language (TOEFL)*

All foreign-born applicants not admitted under paragraph one under *Academic Requirements* listed below whose primary spoken language is not English must achieve a TOEFL score of 550. No other test or certification will be accepted in lieu of the TOEFL. This test must have been taken no more than 12 months prior to the quarter for which the applicant is seeking admission.



### *Academic Requirements*

If a foreign-born applicant has completed a four-year bachelor's degree program at an accredited institution in the United States of America the applicant may be given the same consideration for admission to a graduate degree program as a United States citizen, in regard to both academic requirements and the use of English as a foreign language.

If a foreign-born applicant has completed the equivalent of a four-year baccalaureate degree in any other country, or at an unaccredited institution, the applicant must have an academic record equivalent to a 3.70 grade average (5.00 scale) for admission to a graduate degree program.

The determination of the applicant's grade point average shall be the responsibility of the foreign admissions office.

### **Master's Degree Programs**

#### *Admission*

In order to receive unconditional admission to the School of Graduate Studies and Research for study at the master's level, the applicant must hold a bachelor's degree and have an overall undergraduate grade point average of 3.700 or higher ( $A = 5.000$ ).

A student with a grade point average between 3.400 and 3.700 may be granted conditional admission and will remain on conditional status until he earns 24 quarter hours of credit in graduate-level courses. At that time his academic record will be checked according to the retention policy stated below, to see whether his conditional status can be changed to unconditional. The faculty of a degree program unit may add its own grade point average requirements and other conditions for admission to that particular program. Students who are denied admission to a degree program may enroll as unclassified students. They may not take 500-level courses except with special permission of the graduate dean. If, at a later date, they are admitted to a degree program, none of the credit hours they acquired as unclassified students may be counted towards their degree.

A student with an overall undergraduate grade point average below 3.400 may not be considered for admission to a degree program unless one or more of the following pertains: the student has a grade point average of 3.700 or higher on the last two years of his undergraduate studies; the student has a grade point average of 3.700 or higher on his undergraduate major field of study; the student has high scores on the Graduate Record Examination, the Admission Test for Graduate Studies in Business, the Miller Analogies Test, or another generally recognized achievement test; the student has strong letters of recommendation from those who are best able to judge his past performance and future potential in his academic and professional development. It will be the responsibility of the graduate dean to determine whether or not a student with an overall grade point average below 3.400 may be considered for admission to a degree program. On the other hand, if this consideration is granted it will be the prerogative of the faculty of a degree program to decide whether or not the student will be admitted to that program.

#### *Retention*

Whenever a student's graduate grade point average falls below 4.000 his standing is in jeopardy. When a student has accumulated 24 quarter hours

of work after admission to a degree program, and has eight or more quarter hours of *C* or below in 400- or 500-level courses, not balanced by *A* in 400- or 500-level courses, he will be dropped from the graduate school and will not again be admissible to a degree program.

### *General Requirements*

Forty-eight hours of acceptable graduate credit are required for a master's degree, except in fine arts, where 60 hours are necessary, and in behavior modification, psychology, rehabilitation counseling, and college student personnel work, where 72 hours are required. At least 24 hours must be earned in courses numbered 500 or above. No more than 16 hours earned for work done at another university, or Southern Illinois University at Edwardsville, or in extension at Southern Illinois University at Carbondale, or any combination of the three, may be counted toward the degree. An evaluation of transfer credit is made in every case and may result in a reduction of the credit offered. No transfer credit will be given for work bearing a grade below *B*. No credit toward the degree may be earned by correspondence.

Only credit earned within a six-year period preceding the completion of requirements for the degree, whether at Southern Illinois University or elsewhere, will be counted toward the degree.

Each candidate for a master's degree shall write a thesis except where a graduate program has been approved by the Graduate Council to provide for some other arrangement, such as a research paper. The thesis may be counted for not more than nine nor less than five quarter hours of credit. Two copies of the approved thesis must be presented to the graduate school at least three weeks prior to the date of graduation, to be bound and shelved in the library. For nonthesis programs, a research paper should show evidence of the student's knowledge of research techniques and should be based on a special project or specific courses as may be recommended by the advisory committee.

Each candidate for a master's degree is required to pass a comprehensive examination covering all of his graduate work, including the thesis. This examination may be written or oral, or both, as determined by the student's advisory committee.

Candidates are expected to meet requirements in force during the year of graduation, but due consideration will be given the fact that a student may have been admitted and may have planned his work when other requirements were current. Important changes in requirements are put into effect gradually.

Application forms for graduation, which are to be secured from the Registrar's Office, should be completed and returned to that office after payment of the graduation fee at the Bursar's Office, at least five weeks prior to the graduation date.

### **Sixth-Year Specialist Certificate Program**

The sixth year specialist certificate program is for a qualified student with a master's degree or its equivalent, as determined by the specific department, who wishes to pursue a specialization in an educational field. Sixth year courses of study are offered in the professional education areas of educational administration, elementary education, guidance, secondary education, and special education.



Students seeking admission to the sixth year specialist certificate program follow the same procedures that apply for admission to other graduate programs. Admission to the sixth year specialist certificate program requires a grade point average of 4.25 ( $A = 5.00$ ) for all previous graduate work. Departments may establish a higher scholastic requirement for admission and may use other selective criteria appropriate to the field of specialization. The student's previous work shall have provided a proper base of general and special preparation for the sixth year studies; if this is lacking, additional work must be taken to establish this base. Two years of experience relevant to the specialized field are required.

An advisory committee of three members for each candidate shall be appointed by the dean of the School of Graduate Studies and Research upon the recommendation of the chairman of the respective department.

A minimum of 45 quarter hours of work beyond the master's degree or its equivalent is required. This work must be planned early by the student and his advisory committee, must clearly lead the student toward the specialization he seeks, and must conform to the sixth year specialist program approved by the Graduate Council. A minimum grade point average of 4.25 for all work in the sixth year specialist certificate is required for completion of the program. A combined maximum of nine quarter hours of graduate credit earned in extension or in other graduate schools may be counted. All such work must be approved by the student's advisory committee and must carry a grade of *B* or better. No credit earned through correspondence or used in obtaining another degree or certificate may be counted.

A field study is required of each candidate for the specialist certificate. A written report of the field study is to be submitted to the student's advisory committee before a final oral examination. After the advisory committee approves the field study report, one copy will be forwarded to the graduate school to be placed in the Morris Library.

All credit must have been earned within seven years prior to the completion of the program.

The residency requirement is fulfilled by the enrollment of at least 12 quarter hours in a single quarter or of at least eight quarter hours in each of two quarters.

### **Doctor of Philosophy Degree Program**

#### *Admission*

Admission to a Ph.D. program in the School of Graduate Studies and Research requires a master's degree or its equivalent, a grade point average in graduate work of 4.25 or above, and acceptance by the academic unit offering the Ph.D. program. The dean of the graduate school informs each student of any conditions for admission imposed by the graduate school or by the academic unit.

#### *General Requirements*

The Ph.D. degree is awarded for high accomplishment in a particular discipline or a recognized interdisciplinary area, as measured by the student's ability to pass the preliminary examination for admission to candidacy, meet the research tool requirement of the program, perform a piece of original research, present the results in proper form in a dissertation, and defend the dissertation before a faculty committee.

### *Preliminary Examination*

The student will generally prepare himself for this examination through independent study and course work, as advised by the faculty of his Ph.D. program. The examination is given to determine the breadth and depth of the student's knowledge within his discipline. The particular form and content of the examination are determined by the faculty of each of the doctoral programs. The student will be permitted to take the preliminary examination at the discretion of the department, after he has completed two years of full-time study or its equivalent beyond the baccalaureate.

### *Research Tool Requirement*

The Ph.D. at Southern Illinois University is a research-oriented degree. The research tool requirement is intended to be an integral part of the student's program. Since research materials, problems, and techniques vary from discipline to discipline, the details of the research tool requirement are determined by the faculty of each of the doctoral programs.

### *Admission to Candidacy*

Each student accepted for study into a doctoral program is admitted on a provisional basis and remains so until he has been admitted to candidacy for the degree. Admission to candidacy is granted by the dean of the graduate school, upon recommendation of the faculty responsible for the student's program, after the student has passed his preliminary examination and met the research tool requirement of the program. The Ph.D. degree may not be conferred less than six months, nor more than five years, after admission to candidacy, except upon approval of the dean of the graduate school. If completion of requirements is delayed beyond five years, a student may be required to take another preliminary examination and be admitted to candidacy a second time.

### *Dissertation*

After being admitted to candidacy, the student must complete a dissertation showing that he is capable of independent research or other creative effort. The dissertation shall be supervised by a faculty committee which has been approved by the dean of the graduate school. This committee shall consist of five faculty members, one of whom shall be from a graduate program outside the student's academic unit.

While the student is working on his dissertation he must register for the course numbered 600. The student is to devote at least one academic year of full-time work to complete the dissertation; he will register for 36 quarter hours of dissertation credit, for example, 12 hours for each of three terms. If he requires fewer hours, his registration can be reduced accordingly, when approved by the dean of the graduate school.

The student must submit two copies of the dissertation acceptable to the graduate school, along with an abstract of 600 words or less. All dissertations will be microfilmed. There is a fee of \$25.00 to cover the cost of publication of the abstract and microfilming of the dissertation. If copyright is desired, an additional fee of \$15.00 will be required.

### *Final Examination*

There will be a final oral examination administered by the student's

doctoral dissertation committee. It will cover the subject of the dissertation and other matters related to the discipline.

### *Residency*

In order to earn the Ph.D. one must be a full-time student on campus for a minimum of three consecutive quarters. During this period the student must pursue a full-time academic program, which may include service as a half-time teaching or research assistant.

### *Interdisciplinary Doctor of Philosophy Programs*

These guidelines provide for interdisciplinary Ph.D. programs for a limited number of students whose educational requirements can be met by existing resources but not exclusively by any one of the University's constituent units. Interdisciplinary Ph.D. programs will be instituted in response to the particular academic interest of individual students, not as programs of a permanent nature. The procedures and criteria given below govern the authorization and control of interdisciplinary Ph.D. programs.

1. After completion of one year of full-time academic study in an established graduate program and upon the recommendation of the chairman or adviser of that program, a student may apply for an interdisciplinary Ph.D. program to the dean of the School of Graduate Studies and Research.

2. The dean of the graduate school will apply the following criteria in deciding whether a program committee should be established to consider the proposed interdisciplinary Ph.D. program.

- a. The requisite staff must be available.
- b. The library holdings must be adequate without unreasonable additions.
- c. The program must lie within the recognized disciplines or fields of study, at least one of which offers the Ph.D. program.

3. If the dean of the graduate school is satisfied that the proposed program satisfies these criteria, he shall form a special program committee of five members, three of whom shall be from units offering the Ph.D.

4. If the committee approves the proposed program, a plan of study shall be developed that includes the following elements:

- a. Fields or areas of study
- b. Required courses
- c. Languages or other research tool requirements
- d. Dissertation subject

5. The program as approved by the committee and accepted by a unit with an approved Ph.D. program shall be submitted to the dean of the graduate school. Upon his final approval the student's program shall have the same binding effect upon the graduate school as programs printed in the graduate catalog. The degree earned shall carry the title of the doctoral unit that has accepted the program.

6. When the committee has certified all the required performances, including the results of examinations, the committee shall be dissolved.

### *Advisement*

Each student admitted to the School of Graduate Studies and Research is expected to consult a graduate adviser in the department or faculty



of his major for assistance in planning his total program and in choosing courses each quarter. As soon as the student gains approval for a thesis topic and a thesis director, the latter is designated as chairman of the advisory committee. This committee advises the student in the preparation of the thesis or dissertation, evaluates its quality when completed, and supervises the final examination, written or oral, when one is required.

A graduate student is expected to plan his work carefully. Program changes after registration must be approved by the student's adviser and the dean of the graduate school. They may involve payment of a program-change fee. Program-change forms may be obtained from the graduate school office.

The graduate student must assume responsibility for his progress by keeping an up-to-date record of the courses he has taken and by consulting periodically with his adviser. Responsibility for errors in program or in interpretation of regulations of the graduate school and the University rests entirely upon the student. It is the student's responsibility to see that his records in the Office of Graduate Studies and Research, Registrar's Office, and with his major adviser are brought together well in advance of the time of graduation. The student cannot be approved for graduation unless these records are available at least six weeks in advance of the time of graduation. Advice is always available on request.

### **Student Course Loads**

Maximum course work for graduate students is 18 hours each quarter; 12 hours is considered a normal load. The maximum load for teaching, research, and graduate assistants who are employed half-time is 12 hours and the minimum is 6 hours; for assistants who are employed more than half-time the maximum is 8 hours. For persons attending the eight-weeks summer session the maximum is 12 hours. Graduate Fellows must take a minimum of 10 hours per quarter; NDEA (Title IV) fellows and NSF trainees are required to register for 11 to 18 hours per quarter. Exceptions to these maxima and minima are possible only with the written permission of the graduate dean.

### **Graduate advisers**

Following is a list of chief academic advisers to students pursuing a graduate degree.

Agricultural Industries—Walter J. Wills	College Student Personnel—Arthur Casebeer
Animal Industries—G. B. Marion	Community Development—Richard Thomas
Anthropology—Charles Lange	Computer Science—A. M. Mark
Applied Science—Marvin E. Johnson	Design—Harry Perk
Art—Milton Sullivan, Thomas Walsh	Early Childhood Education—Rebecca Baker
Art Education—Roy Abrahamson	Economics—Charles Stalon, George Hand
Behavior Modification—Robert Campbell	Education—Functional Areas in the Ph.D. Program
Biological Sciences—Edwin Galbreath	Administration, Social & Philosophical Foundations—Fred Armistead
Botany—Robert Mohlenbrock	Educational Psychology—John Deichmann
Business Administration—Richard Fryman, Gola E. Waters	
Chemistry—Richard Arnold, C. D. Schmulbach	
Child and Family—Michael Zunich	
Clothing and Textiles—Rose Padgett	

Curriculum and Instruction—  
Luther Bradfield  
Educational Administration and  
Foundations—Edward Sasse  
Elementary Education—Fred Sloan,  
Luther Bradfield  
Engineering—Marvin E. Johnson  
English—Ted Boyle  
English as a Foreign Language—  
Charles Parish  
Family Economics and Management—  
Betty Jane Johnston  
Food and Nutrition—Frank Konishi  
Forestry—John Andresen  
French—Maxine Vogeley  
Geography—Theodore Schmudde  
Geology—Russell Dutcher  
German—Helmut Liedloff  
Government—Earl Hanson  
Guidance and Educational Psychology  
—John Deichmann, Robert Graff,  
Reed Williams  
Health Education—Charles E.  
Richardson, Derward Grissom,  
James E. Aaron  
Higher Education—John E. King,  
Malvin Moore, Donald Tolle  
History—Henry S. Vyverberg  
Home Economics Education—Anna  
Carol Fults  
Instructional Materials—Gordon Butts  
Inter-American Studies—Albert W.  
Bork  
Journalism—George C. Brown  
Linguistics—Charles Parish  
Mathematics—Charles Maxwell

Microbiology—Maurice Ogur, Hassan  
Rouhandeh  
Molecular Science—John Zimmerman  
Music—Roderick Gordon  
Philosophy—Lewis E. Hahn  
Physical Education (Men)—Edward  
J. Shea  
Physical Education (Women)—  
Dorothy Davies  
Physics—John Zimmerman  
Physiology—Harold M. Kaplan  
Plant Industries—J. K. Leasure  
Psychology—Janet Rafferty  
Recreation and Outdoor Education—  
Loren Taylor  
Rehabilitation Administration—  
Robert E. Lee  
Rehabilitation Counseling—Brockman  
Shumacher  
Russian—Joseph Kupcek  
Secondary Education—R. J. Fligor  
Secretarial and Business Education—  
Harves Rahe  
Social Studies—Howard Allen  
Sociology—Charles Snyder, Herman  
Lantz  
Spanish—J. Cary Davis  
Special Education—James Crouner  
Speech—Earl E. Bradley  
Speech Pathology and Audiology—  
Herbert Koepp-Baker  
Technical and Industrial Education—  
Ronald W. Stadt  
Theater—Archibald McLeod  
Zoology—DuWayne Englert

### Grading System

Grades are recorded by the letters *A*, *B*, *C*, *D*, and *E* (*A* = 5.00). *A* is for outstanding work, *B* for good or average performance, *C* for conditional or not fully satisfactory work, *D* for unsatisfactory work, and *E* for failure. Other grades may be:

W—Authorized withdrawal made through a program change where no basis for evaluation has been established. Work may not be completed. This grade is not included in grade point computation for retention purposes.

WP—Authorized withdrawal made after first four weeks through a program change with a passing grade. Work may not be completed.

WE—Authorized withdrawal made through a program change after the first four weeks with failing grade. Work may not be completed, but grade is included in calculation of average.

Inc.—Incomplete. Has permission of instructor to be completed within a time period designated by instructor, but not to exceed one year from the close of quarter in which course was taken. If *Inc.* remains, it is not included in grade point computation. To complete the work, a student should not register for the course again but should complete the work from the original registration.

Def.—Deferred. Used only for graduate courses of an individual, con-



tinuing nature such as thesis or research. When the work is completed, grade is changed to a letter grade.

**ABS**—Unauthorized withdrawal. Used when student fails to continue in attendance, but does not withdraw through a program change. Counted as an *E* in calculating grade point average.

**S**—Satisfactory. Used for noncredit courses, thesis and dissertation hours.

**U**—Unsatisfactory. Used for noncredit courses, thesis and dissertation hours.

**Au**—Audit. A student registering for a course on an audit basis receives no letter grade and no credit hours. An auditor's registration card must be marked accordingly and he pays the same fees as though he were registering for credit. A student registering for a course for audit may change to a credit status or vice versa through the official program change method during the first four weeks of a quarter. Thereafter the change may not be made.

**Note:** Letter grades *A*, *B*, *C*, *D*, and *E* as well as the grades *WE* and *ABS* are included in grade point averages for academic retention. Authorized withdrawals made through a program change during the first four weeks of the quarter do not carry a grade. After four weeks it is at the discretion of the instructor whether or not a letter grade will be given for an authorized withdrawal.



## 2 / Instructional Units

### **Agricultural Industries**

The Department of Agricultural Industries offers graduate work leading to the Master of Science degree in agricultural economics, agricultural education, and agricultural services. Students interested in the Doctor of Philosophy degree in agricultural economics should consult with the Department of Economics. Students interested in the Specialist Certificate in agricultural education should consult with the Department of Secondary Education.

The three programs in the Department of Agricultural Industries leading to the Master of Science degree require at least 48 hours of graduate courses, including a thesis or research paper. Students normally take 12 hours of credit per quarter making it possible to complete the M.S. degree in one year. A committee composed of at least three professors guides the candidate in his course work and research. All candidates must satisfactorily pass an oral examination.

The M.S. degree in agricultural economics requires 20 hours of courses in agricultural economics and economics, 8 hours of statistics or advanced accounting, a thesis, and other courses normally selected in the School of Business. The program is designed for the professional agricultural economist and for those desiring to continue their education by obtaining a Ph.D.

The M.S. in agricultural education requires 26 hours of courses in agriculture and education, 8 hours of statistics, a research paper or thesis, and other courses. The program is designed for preparing teachers for secondary schools, junior colleges, and for those desiring to continue their education by obtaining a Ph.D.

The M.S. in agricultural services requires 18 hours of courses in agriculture, a research paper, and other courses. The program is designed to permit students who are working in agriculture in such areas as extension work and soil conservation employees, to expand their educational experiences in light of prospective employment goals and opportunities.

Application forms for admission into any of these programs may be obtained from the School of Graduate Studies and Research. Inquiries for financial assistance should be addressed to the chairman of the department. Approval for graduate study in the department, with any necessary qualifications, is made after review of the student's transcript and other supportive data. Additional information may be obtained from the Department of Agricultural Industries, Southern Illinois University, Carbondale, Illinois 62901.

### **Animal Industries**

The Department of Animal Industries offers programs of study leading to the Master of Science degree. Programs may be designed to meet the

desires of candidates in the various disciplines of animal behavior, breeding, nutrition, and physiology. A minimum of 24 hours in animal industries courses, including a thesis is required. Research leading to a thesis can be conducted with any of the following species: beef, dairy, horses, poultry, sheep, or swine. The candidate will select supporting courses in related departments such as Applied Science, Chemistry, Mathematics, Microbiology, Physiology, and Zoology. Students selecting supporting courses in the basic sciences might do so with an interest in continuing work towards the Ph.D. degree.

Students who wish to emphasize the study of animal production in a program leading to the master of science degree might select a majority of their supporting courses from the Departments of Agricultural Industries or Plant Industries.

Students interested in animal science at the doctoral level can be admitted to a program of study leading to the Ph.D. degree in physiology. The program which is administered by the graduate school through the Department of Physiology is adequately flexible to allow candidates to emphasize such areas as behavioral science, endocrinology, meat science, metabolism, microbiology, physiological genetics, or reproductive physiology.

Minimum requirements have been established for students entering the Ph.D. program. These include undergraduate training in biology, inorganic and organic chemistry, and one year of both mathematics and physics. Deficiencies in these areas must be resolved prior to entry into the program.

Information concerning admission policies, requisites for graduation and availability of financial assistance for graduate study in any specific program can be obtained from the Department of Animal Industries, Southern Illinois University, Carbondale, Illinois 62901.

## **Anthropology**

### *General Requirements*

Acceptance for graduate study in anthropology and subsequent continuation in the graduate program are at the discretion of the Department of Anthropology.

Application forms for admission to the School of Graduate Studies and Research may be obtained from the School of Graduate Studies and Research. When submitting the completed application, the student must send official transcripts of undergraduate and graduate work; three letters of recommendation and a personal statement of aims and interests addressed to the chairman of the department must also be submitted.

Although Graduate Record Examination scores are no longer required by the department, the student is invited to include these scores with other data supplementing his application papers. The student is advised, however, that inclusion of such scores may be required as a part of a future application for nonuniversity grants or fellowships.

No special program of previous work is required, and applicants with academic degrees in fields other than anthropology are accepted. However, in consultation with the department, a plan for remedying undergraduate deficiencies in anthropology will be arranged.

The department does not require that every student take a master's degree on his way to the doctorate. Whether he does or not is a matter



for decision by the student and the department. (For those who do not have the Master of Arts degree in anthropology, formal admission to the doctoral program is dependent on the degree of success of the student in the general examination.)

A student's overall progress in his studies is reviewed at the end of each year, or as may be necessary, in order to see that the requirements of the department are being met and that the student's best interests are being served.

*Masters Degree Program (For students not seeking the Ph.D.)*

For entering graduate students, in the M.A. program, the minimal GPA will be 4.0/5.0. While this GPA will serve as a general cutting line, exceptions may be made by the departmental Admissions and Awards Committee in view of such factors as an outstanding series of letters from known references; graduates of recognized departmental programs; or intervening non-academic experience of an unusual nature. These factors are, in fact, already considered in assigning relative ranking in presenting rosters of students to the graduate school for awards and for similar purposes.

A foreign language competency must be demonstrated as determined by ETS scores, or otherwise in languages not included in the ETS foreign language program.

In the course of the student's training in the M.A. program, it is expected that there will be an experience as either a research assistant or teaching assistant, or both. This experience would hopefully amount to an academic year, but should be at least one quarter.

Forty-eight hours of course work, other than the thesis, are required. Half, or more, of this work must be at the 500-level, with all work completed with at least a minimal 4.0 GPA.

At the end of twenty-four hours (at least half at the 500-level), however, a student with a GPA of 4.25, or higher, may petition to take the general examination. If successful, he may by-pass his remaining M.A. work, thereby reducing his length of time on campus. In reality, the final twenty-four hours of M.A. work would count for the Ph.D. residency/credit requirements.

In completing his forty-eight hours of course work, the student is expected to obtain broad coverage within the field of anthropology. Specifically, he is expected to offer two courses in each of archaeology, ethnology, linguistics, and social anthropology. One course in each of history of anthropological thought and of physical anthropology should be included in his program.

The student may elect to write a thesis in which he is assigned a committee of two; or, he may present a research-oriented paper which has been accepted by an editor for publication. This writing and acceptance must have occurred subsequent to the student's entrance to this department. The evaluation of the paper would be by a committee of two, as in the case of the M.A. thesis. For a student who completes his general examination and is invited to proceed to the doctorate, a third alternative exists: a research paper approved by a committee of three, appointed by the chairman, may serve as the final M.A. requirement.

Under the first or second option listed above, the student would receive his M.A. degree following successful oral examination centered on the thesis or research paper.



### *Doctor of Philosophy Degree Program*

For entering graduate students without the M.A., the minimal cut-off GPA is 4.0/5.0; for those entering with the M.A., it is 4.25/5.0. Exceptions can be made as in the M.A. Program.

### *Departmental Requirements*

Normally, all graduate students in anthropology working for a higher degree must:

- a. Complete the course-hour requirements as established by the graduate school.
- b. Complete the equivalent of one or two academic years (3 or 6 quarters) of course work with not less than a *B* average before presenting themselves for their general examination. See *General Examination* below. Previous graduate or professional work in anthropology may lead to the three-quarter qualification to take the general examination. The normal course load per quarter is four courses or approximately 12 hours; with assistantships this load is reduced.
- c. Pass one foreign language examination before presenting themselves for their general examination, except for those taking the general examination at the first opportunity. Students are urged to investigate ETS foreign language examinations which may be taken prior to arrival at SIU, or at least be prepared to take this test in the first quarter of residence. The student is urged to acquire this language competence at the earliest opportunity so that he is equipped with a useful tool while pursuing his graduate studies.
- d. Complete the following required course: Anthropology 415.
- e. Satisfy all general University and graduate school requirements.
- f. Pass with not less than a *B* average the general examination given in the fall and spring quarters. At the option of the department an oral examination may be required following the written examination.

### *The General Examination*

The normal course of study leads a student to present himself for the general examination after two years of full-time course work. Students with M.A.'s in anthropology are required to take the general examination at the end of the first year of residence. All others are required to take this examination at the end of the second year. Any student may petition for examination before the deadline. For those prepared to take the general examination at the earliest opportunity, the prior passing of the first foreign language examination will be suspended.

The coverage expected of the student is stated in syllabi on the topics listed below. The length of the written examination is three hours for each part. Students may elect four of the six parts, satisfying the other two by an *A* or *B* grade in a graduate seminar in each of the parts omitted.

Archaeology

Ethnology

History of Anthropological Thought

Linguistics

Physical Anthropology

Social Anthropology

After fulfilling the seminar requirements, passing the general examination, and fulfilling departmental and University requirements, a student who wishes to take the M.A. degree will be advanced to M.A. candidacy and may fulfill the thesis requirement with any of the alternatives described for the M.A. program.

Students may go directly into the Ph.D. program at this point.

*The Special Examination*

A student preparing for the Doctor of Philosophy degree should plan not less than one academic year, or its equivalent, in residence after the successful completion of his general examination before presenting himself for his special examination. However, the student cannot take the special examination sooner than six months after completing his second foreign language requirement, or his alternative requirements in statistics or computer programming.

The field of study for the special examination is directed toward particular and concentrated study of a particular geographical area plus either two major topics or one major topic and a special topic. The field of study is determined after consultation with a special field adviser and committee designated to guide the student's preparation for the special examination. The student's plan of special study will be presented at a colloquium for approval by this committee.

Study is currently invited or encouraged in the following areas and topics. Modifications will be considered as changes in faculty personnel and competencies warrant.

Areas	Major Topics
North America:	Archaeology
Greater Southwest	Ethnology
Eastern U.S. (East of Rockies)	Linguistics
Middle America:	Social Anthropology
Meso-America	
Caribbean and Circum-Caribbean	
South America:	Special Topics
Andean	Applied Anthropology
Tropics	Art
Pacific	Ecology
Asia:	Ethnohistory
S.E. Asia	Folklore
Africa:	
West Africa	
Europe:	
Western Europe	
Mediterranean Basin	

The nature of the special field of study, its scope and limits, are determined in consultation with the department and delimited at the student's colloquium.

The normal expectancy is that the student's dissertation topic will be derived from his special field of concentration; however, in consultation with the department, exceptions may be made.

*Field Research*

A student ordinarily will not be recommended for the award of the Doctor of Philosophy degree unless he has had field research experience acceptable to his dissertation committee.

*Ph.D. Candidacy*

Students who wish to take a Doctor of Philosophy degree and who have met all the departmental requirements will be advanced to candidacy.

### *Dissertation*

The candidate for the Doctor of Philosophy degree will consult with the department in order to select the topic for his dissertation. The chairman of his dissertation committee will then be appointed and, together with the committee, will advise the student accordingly.

Candidates for the Doctor of Philosophy degree must register for 36 hours of dissertation credit under Anthropology 600. Not more than 18 hours' credit can be earned in any one quarter.

### **Applied Science**

Students may pursue a Master of Science degree with a major in applied science. Typical areas of study in applied science are materials science and nuclear science.

Acceptance for a degree program is made by the dean of the School of Technology and subject to the admission requirements of the School of Graduate Studies and Research. An applicant must have received a bachelor's degree with a major in engineering, engineering technology, physics, chemistry, or mathematics or with an emphasis in these fields.

Degree requirements are consistent with the general requirements of the School of Graduate Studies and Research with a minimum of 48 hours of graduate credit required, including a thesis. A program of study will be developed by the advisory committee and the student. When the student has chosen a thesis topic and a staff member has consented to direct the project, the thesis director will become the student's adviser and will function as chairman of the advisory committee.

One-half or one-quarter time instructorships, teaching or research assistantships, and fellowships are available for qualified applicants. Additional information about programs, courses, instructorships, assistantships, and fellowships may be obtained from the dean of the School of Technology.

### **Art**

Graduate programs in art lead to the Master of Fine Arts degree in studio, offered within the School of Communication and Fine Arts, and to the Master of Science degree in art education, offered within the College of Education. The candidate is expected to select an area of specialization (studio or art education) around which his program will be planned in consultation with the major professor in that area.

Requirements for the Master of Fine Arts degree in studio (painting, sculpture, printmaking, drawing, ceramics, metalsmithing, and weaving) total 60 quarter hours. These hours are distributed as follows: 30 in major field, 12 in art history, or related subjects, 5 to 9 thesis or terminal project work, and the remainder in electives. The candidate for the Master of Fine Arts degree must in addition to the completion of course work, present a terminal project, and participate in an oral examination. Residency requirement for this degree is at least two academic years, or six academic quarters. The University also asserts the right to retain an example of the candidate's creative work, and this selection will be made from the work presented in the graduate exhibition.

Requirements for the Master of Science degree in art education total



a minimum of 48 quarter hours. These hours are distributed as follows: 16 in education; 32 to be elected from the areas of art education, art history, and studio; 5 to 9 quarter hours are to be devoted to either thesis work or research paper.

Undergraduate requirement for admission to the Master of Fine Arts program is a degree in art or art education; for admission to the Master of Science in Education, a degree in art education. Any exception to these requirements must be with the approval of the faculty in the special degree program, and with the consent of the director of the School of Communication and Fine Arts.

### **Asian Studies**

A graduate minor is offered in Asian Studies which may be made up by selecting from the following courses which are listed by departments: Agricultural Industries 417; Anthropology 401, 483, 585, Art 451a,b,c, 571, 572; Economics 460, 461, 462; Geography 466, 522; Government 457, 458a,b,c, 480, 521, 595; History 448, 449, 455, 510, 514; Philosophy 490, 591. Thesis and dissertations on Asian topics may also be written by students in any of several majors.

Interested graduate students may write to or consult with the chairman of the Committee on Asian Studies.

### **Biological Sciences**

#### *Requirements for Admission*

1. Bachelor's degree with a major in a natural science department.
2. Admission to the School of Graduate Studies and Research.
3. Approval of the chairman of the Biological Sciences Committee or his designated representative.

#### *Requirements for the Master of Science Degree in Biological Science*

Complete 60 hours of graduate courses in the biological sciences. The specific courses required of any student are to be determined by consultation between the student and the program committee, with the following provisions:

1. No more than 35 hours of credit in any one department may be used for the degree.
2. No minor area is required.
3. Have at least 24 hours of credit in 500-level courses. These may not include more than 4 hours for "special problems," 4 hours for "seminars," and 4 hours for "readings."
4. Complete at least one 400- or 500-level laboratory course in three of the departments of the biological sciences. (No special credit, such as indicated in 3 above, will satisfy this requirement.)
5. Submit a research paper.
6. Attend, for credit, at least one quarter of seminar in three of the departments of the biological sciences.

#### *Advisement*

Guidance of students shall be by a program committee of three members, one from each of the biological science departments involved, or

other departments at the discretion of the program committee. The program director will serve as an *ex-officio* member.

Graduate work may be taken in the Departments of Botany, Microbiology, Physiology, and Zoology to obtain a Master of Science degree in biological science in the College of Liberal Arts and Sciences.

Additional information may be obtained from the director of the graduate biological program, Department of Zoology, Southern Illinois University, Carbondale, Illinois 62901.

### **Botany**

Graduate work may be taken in the Department of Botany as a major or minor leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees and as a part of the program in biological sciences leading to the Master of Science or the Master of Science in Education degree.

Applicants for the advanced degrees must be approved by the department. Queries concerning graduate work in botany should be made to the graduate adviser in botany. To be eligible for graduate work in botany, the student must have an equivalent to an undergraduate minor in botany. Certain deficiencies may be made up concurrently with graduate work.

In accordance with the general requirements of the School of Graduate Studies and Research, a candidate for the Master of Arts or Master of Science degree must complete 48 hours of graduate credit and a thesis. The Master of Arts candidate must demonstrate a competence in a foreign language.

The Doctor of Philosophy degree requires, in addition to a dissertation, a reading knowledge of two foreign languages or one foreign language and statistics or computer programming, if recommended by the candidate's committee.

### **Business Administration**

The graduate faculty in business administration, consisting of members of the Departments of Accounting, Management, Marketing, and the Faculty of Finance of the School of Business at Carbondale, offers the Master of Business Administration degree. The M.B.A. program has as its objective the development of professional managers and executives to serve the needs of business and government and to prepare interested graduates for doctoral study. The program has been structured with flexibility so as to serve holders of baccalaureate degrees in business administration as well as those who hold degrees in other disciplines.

#### ***M.B.A. Admission Requirements***

1. Complete all admission requirements set forth by the School of Graduate Studies and Research.
2. Complete the Admission Test for Graduate Study in Business (Princeton Test) and have the results of the test mailed directly to the director of graduate programs in Business Administration. Information regarding this test is available by writing to: Admission Test for Graduate Study in Business, Educational Testing Service, Box 966, Princeton, New Jersey 08540.
3. Complete an interview with the director of graduate programs in



Business Administration. This interview may be delayed in individual cases where a special trip to the campus would require travel in excess of one hundred miles to reach the Carbondale campus.

4. An undergraduate cumulative grade point average of 4.00 is preferred, and no less than 3.5 grade point average is permitted for admission. These averages are calculated on a 5.0 scale.

### *M.B.A. Degree Requirements*

A minimum of 48 quarter hours of course work plus a terminal examination (oral, written, or both) are required. Candidates who receive permission to write a thesis must complete a minimum of 44 quarter hours of course work plus an acceptable thesis for which 8 quarter hours of credit are assigned.

Candidates who lack the necessary prerequisites may be required to complete as much as 36 additional quarter hours of acceptable course work. Those who enter the Master of Business Administration program with deficiencies in any of the basic areas in the common body of knowledge in business and administration as specified by the American Association of Collegiate Schools of Business must eliminate the deficiencies in a satisfactory manner prior to starting the program course work.

The Master of Business Administration program course work to be taken beyond that needed to eliminate deficiencies is determined on an individual basis in conference with the director of graduate programs in business administration. Candidates must satisfy requirements in the following areas: quantitative methods, accounting, economics, behavioral sciences, legal environment of business, finance, marketing, management, communication, and business policy.

The candidate may select a concentration, not to exceed 16 quarter hours of credit, from one of the following: accounting, finance, management (personnel or production) of marketing. The candidate may also choose courses in a wide variety of areas of graduate study throughout Southern Illinois University.

### **Chemistry**

Graduate courses of study leading to the Doctor of Philosophy and Master of Science degrees are offered by the Department of Chemistry. Interested students should consult the chairman of the Department of Chemistry for a complete statement of the requirements for each degree. The following is a summary of these requirements.

#### *Master of Science Degree*

In addition to meeting the general requirements of the School of Graduate Studies and Research, a candidate for the Master of Science degree in chemistry is required to:

1. Pass field examinations in 3 of the 5 fields (analytical, inorganic, organic, physical, and biochemistry) of chemistry or complete their equivalent in course work with a grade of *B* within the first six quarters of residence.

2. Earn 9 credit hours at the 500 level in one of the five basic fields of chemistry (Chemistry 451a,b,c may be taken in place of two 500 level biochemistry courses) and earn credit in one chemistry course at the 500 level in each of two other fields.

3. Earn 40 hours credit in chemistry courses, or 30 hours in chemistry

if an outside minor is elected. A total of 48 quarter hours is needed for graduation of which 24 hours must be at the 500-level.

4. Maintain a 4.00 grade-point average.
5. Attend weekly seminars and earn one hour credit (Chemistry 595) by presentation of a seminar.
6. Earn a minimum of 12 hours in research and thesis (Chemistry 596 and 597).
7. Demonstrate reading competence in one of the following languages: German, Russian, or French.
8. Prepare and present a thesis on the research carried out.
9. Pass a final oral examination.

### *Doctor of Philosophy Degree*

Students entering the Ph.D. program either must have a master's degree in chemistry or must meet all of the requirements of the School of Graduate Studies and Research and of the Chemistry Department for the Master's Degree except for the thesis and oral examination requirements which may be omitted. In addition, all students in the Ph.D. program must:

1. Fulfill proficiency requirements in physical chemistry and three of the other four fields (analytical, inorganic, organic and biochemistry) of chemistry or complete their equivalent in course work with a minimum grade of *B* within six quarters of residence, exclusive of summer quarters.

Students fulfilling the proficiency requirements in only 3 fields within the specified period may continue toward the M.S. degree. On successful completion of all the requirements for the latter degree, including thesis and final oral examination, they may petition the department requesting permission and conditions for continuing work toward the Ph.D. The department, acting as a committee of the whole, will rule on such petitions on due consideration of the recommendation of the candidate's Graduate Committee and all other pertinent information.

2. Complete a course of study as determined by his graduate committee.
3. Earn one hour credit in seminar (Chemistry 595) beyond the Master of Science degree requirement and attend weekly seminars.
4. Earn a minimum of 48 hours in research and dissertation (Chemistry 598 and 600).
5. Pass cumulative examinations.
6. Pass preliminary oral examination following completion of the Cumulative Examination requirement.
7. Maintain a 4.25 grade-point average.
8. Demonstrate competence in one of the following languages if this requirement was not fulfilled during previous graduate studies: German, French, or Russian. This requirement must be fulfilled prior to scheduling the preliminary oral examination.
9. Complete his dissertation following the specifications set forth by the School of Graduate Studies and Research.

### **Community Development**

The Community Development Institute offers an inter-disciplinary Master of Science degree in Community Development consisting of 48 credit hours, a field internship, and the completion of one of four terminal options. Within this degree program, and depending upon his professional

plans, the master's candidate is able to minor in one discipline; such as, agriculture, anthropology, economics, education, geography, government, history, psychology, or sociology; or to pursue a multi-disciplinary minor in such areas of concentration as urban studies, planning, group work, or international development. To be admitted, a student must meet the requirements of the graduate school and also complete the following courses or their equivalent at either the graduate or undergraduate level:

CD 401, Introduction to Community Development 4 hours

Social Statistics 3-4 hours

An introductory and one other course in sociology 6-8 hours

In certain circumstances, the above prerequisites may be completed after admission to the major.

The specific requirements of the Community Development Master of Science degree program include the following:

1. Courses designed or approved by the Community Development Institute, including one of four alternative terminal options (master's thesis, terminal research paper, extended minor, or master's project), totaling 28 hours: CD 501, 502, 503, 511, 598, and 596 or 599.

2. Work in one or more allied fields, such as those mentioned as minors above, totalling 20 hours.

3. Up to one year of supervised part-time field work in community development (approximately 400 clock hours.)

4. Satisfactory completion of a terminal oral examination at which the master's candidate defends work done in his terminal option as well as his knowledge of the field of community development.

### Computer Science

The Department of Computer Science offers a graduate program leading to the Master of Science degree.

Application forms for admission to the computer science program should be obtained from the School of Graduate Studies and Research. The decision on admission to the program is made by the department faculty subject to the requirements of the graduate school. An undergraduate major in computer science is not required for admission and students with majors in other fields are accepted if certain criteria are satisfied.

Requirements for the master's degree include a minimum of 48 hours of graduate credit with credit for a thesis or research paper included in this total. The specific number of credits required depends in part on the nature of the student's undergraduate training. The student's individual program of study will be jointly developed by the student and the graduate adviser of the department.

Specific information concerning admission and degree requirements, assistantships and fellowships may be obtained by writing to the chairman of the Department of Computer Science.

### Design

The Department of Design attempts a generalized rather than a specialized design education. Through his undergraduate years the student is led to treat man and his environmental transactions in terms of whole systems rather than of isolated aspects or component parts. Emphasis is placed on the overall solutions to human problems which may be encompassed through design procedures.



The graduate program of the department continues this broad integrative approach but assumes that, at this level, the student should concentrate his studies in a more closely defined area within which he should work in depth.

It is recognized, however, within the present massive accelerations in the design possibilities of man's control over his environment, that the format of such graduate study should offer the utmost flexibility and capacity for change. The entire graduate program should be viewed as experimental in nature and one whose content and approach will be adjusted according to experience and field developments.

Students with an undergraduate background in various areas of design specialization may qualify for the master's degree program. In addition, on the premise that the association of diverse disciplines participating in the design process may often yield productive and enriching interactions, students with an undergraduate background in fields other than design will be accommodated. Special arrangements should be developed in consultation with the chairman of the department.

Students applying to the department must submit a letter explaining their background, their reasons for selecting this program, and their major goals; and examples of work that they have produced to the head of the graduate program. A faculty committee will review the letter and work and when possible have a personal interview with the applicant to evaluate his acceptance into the department.

The two-year program leading to a Master of Science degree requires at least 34 hours of graduate study in the Department of Design; at least 18 hours of study outside the department; and 9 hours of thesis. Within the structure of this program, the students will work as an operational research organization and through individual studies. There will also be the opportunity to participate in seminars and lectures given by distinguished visiting professors. The faculty are interdisciplinary representing the fields of design, systems analysis, social psychology, and computer science.

## **Economics**

### *General Information*

Graduate courses in economics may be taken as a major or minor leading to the Master of Arts, Master of Science, or Doctor of Philosophy degrees. In addition to School of Graduate Studies and Research admission standards, the Department of Economics requires completion of the verbal, quantitative, and advanced economics portions of the Graduate Record Examination except where it may create a hardship for international students.

### *Master's Degrees*

Either the M.A. or M.S. degree requires successful completion of 48 hours of graduate work including thesis and an oral examination, or the written qualifying doctoral examination in economic theory and the written and oral preliminary doctoral examination. The first is the usual route to the master's degree. The M.A. degree also requires demonstration of proficiency in one of the foreign languages required for the Ph.D. degree at the level prescribed for that degree. Each master's degree candidate must complete at least 33 hours in economics, including courses in economic

statistics, mathematical economics, monetary theory and policy, micro and macro economic theory and thesis. If the student intends to enter the doctoral program he should, in addition, take the remaining courses included in the doctoral core which would add history of economic thought, comparative economic systems, and advanced work in micro and macro economic theory. Before undertaking work in mathematical economics and economic theory the student should have completed at least ten quarter hours in calculus or linear algebra.

Four quarters are usually a minimum for earning the master's degree. Only the exceptional student with no other demands on his time will do it in three quarters, while those with undergraduate deficiencies or language difficulties may require more than four quarters. Any student with an interest in economics is encouraged to apply regardless of his undergraduate specialization.

### *Doctor of Philosophy Degree*

The Ph.D. prepares the student for teaching and research positions in the academic world, for positions as economist in private industry, for positions with private research or consulting organizations, or for government positions requiring advanced economic training.

The degree is awarded for high accomplishment as evidenced by these steps:

1. Demonstrating proficiency in statistics as a research tool through successful completion (minimum grade of *B*) of Mathematics 410 a,b, and c or d; or Mathematics 480 a, b, c; or Mathematics 483 a, b, c.

2. Demonstrating proficiency in a second research tool chosen, with the prior consent of the director of graduate studies, from one of the following:

- a. A foreign language. Proficiency is demonstrated by successful completion of the Educational Testing Service Examination.

- b. Mathematics. Completion of the second year calculus sequence, plus one additional course at the 400 level or one 300 level course selected from Mathematics 301, 305a, 321, 352, 319. Each course must be passed with a grade of *B* or better.

- c. Any three courses at the 400 or 500 level in an area other than mathematics that is closely related to economics and each passed with a grade of *B* or better.

- d. Computer programming. Proficiency is demonstrated through written examination and by writing programs to accomplish specific tasks specified by an examining committee.

3. Completing required courses in history of economic thought, mathematical economics, comparative economic systems, monetary theory and policy, and micro and macro economic theory.

4. Passing a written qualifying examination in economic theory and mathematical economics.

5. Passing written and oral preliminary examinations in three specialized areas chosen, with the prior consent of the director of graduate studies, from comparative economic systems, economic development, economic history, economic theory (two fields are available), econometrics, human resources, international economics, money and banking, political economy, public finance, or any graduate area outside economics but having a reasonable connection with economics.

The student is admitted to candidacy for the degree after he passes the preliminary examination.



6. Completion of a dissertation based on original research and successful defense of the dissertation before a faculty committee.

More detailed descriptions of the graduate programs, as well as information on teaching and research assistantships and fellowships may be obtained from the director of graduate studies, Department of Economics.

### **Education**

One may pursue a program of study leading to the Doctor of Philosophy degree in education through any one of three functional areas: curriculum and instruction; educational psychology; administration and social and philosophical foundations. Specialties are available within the functional areas depending upon the student's interests. For example, in educational psychology he may choose a specialty in human learning, educational measurement and statistics, learning resources, special education, or counseling and guidance. In all programs, students must satisfy the general requirements of the graduate school in addition to the special requirements for the Doctor of Philosophy degree in education.

### *Application*

An applicant must submit, to the coordinator of the functional area in which he wishes to do his work, his scores from the Graduate Record Examination and the Miller Analogies test, and other pertinent data. Following review by the area's screening committee, the coordinator will inform him of the committee's decision.

### *Advisement*

For each student, the coordinator of his functional area appoints a program committee consisting of a chairman, who is in the student's functional area and who is authorized to direct doctoral dissertations, and two other members, at least one of whom must be from outside the student's functional area. His program, planned to include all of his graduate study beyond the master's degree, should be approved at a meeting of the student with his committee. Copies of the approved program are filed with the members of the committee, the student, the area coordinator and the assistant dean for graduate studies. Appropriate program changes must be approved and filed in the same manner.

### *Program Requirements*

Each doctoral student in education must successfully complete a prescribed core of 12 credits in psychological foundations of education and social and philosophical foundations of education combined. In a functional area certain basic courses may be required beyond the common core. Specialties within the functional areas are supported by specific courses and other experiences agreed upon by the student and his program committee.

### *Research Tool Requirements*

#### **A. ADMINISTRATION AND SOCIAL AND PHILOSOPHICAL FOUNDATIONS**

The faculty of the Functional Area of Administration and Social and Philosophical Foundations recognizes the research orientation for the Doctor of Philosophy degree. It further recognizes that the multiplicity

of educational programs in the Functional Area demands varying competencies in research. For this reason, no common research tool will be required of all students. Specific research tool competencies and procedures for evaluation shall be determined by the program committee of each applicant congruent with the professional preparation and goal expectations of the student and the requirements of the student's concentration.

## B. CURRICULUM AND INSTRUCTION

Each candidate for the Doctor of Philosophy degree shall be required to demonstrate competence in a minimum of one research tool chosen by his program committee from a list approved by the area of Curriculum and Instruction. The tool or tools shall embody skills needed in understanding materials in the fields, or in the conduct of research for the dissertation, or in continuing research contributions in the field of specialization. Approved research tools include foreign languages (one language is one research tool), statistics, and computer programming. Proficiency examinations are required for languages and computer programming, and may be used for statistics. If courses are taken to satisfy any research tool requirement, those courses will not count toward the minimum credit requirement for the degree. A student whose native language is other than English may not offer English as one language, and will demonstrate his proficiency in his course work. The student's native language is not acceptable as a research tool. The research tool requirement must be satisfied before the student may take the preliminary examination.

Proficiency in foreign languages will be determined by means of the Educational Testing Service's graduate foreign language examinations, administered by the Counseling and Testing Center once each quarter. The ETS examinations are available only in French, German, Russian, and Spanish. A student who wishes to present any other language must have his program committee recommend to the dean of the School of Graduate Studies and Research this particular language as necessary in dissertation research. The dean must approve the recommendation before arrangements for testing in that language can be made with the Department of Foreign Languages or any other testing service.

If a student fails an examination in a particular language twice, he will be required to take the course 161 in that language before taking the examination again. After a third failure of the doctoral examination in the same language, the student must successfully petition the dean of the graduate school before taking the examination a fourth time.

A student whose advisory committee chooses statistics as a research tool may demonstrate proficiency by passing a sequence of courses in statistics (Guidance 505, 506, 507; Mathematics 410a,b,c or d; 480a,b,c; or 483a,b,c) with a grade of *B* or better in each of the three courses. If the student has some background in statistics and the approval of his advisory committee, he may meet this requirement by skipping the first course and taking the second and third, in which he must earn a *B* or better. Or, if his background is thought adequate by his committee, he may take a proficiency examination equivalent to the final examination in all three courses of a given sequence, with that exam to be administered by the instructor of that sequence, and on which the student must make a grade of *B* or better.

The student for whom the computer programming option is chosen will demonstrate that he can competently use two programming languages ALGOL and FORTRAN. He will be required to pass a written examination, and then to demonstrate that he has developed some sophisticated skill in the use of the computer languages by writing programs to accomplish specified tasks. Any courses taken to help achieve the necessary skills cannot be used for credit toward a Ph.D. degree.

### C. EDUCATIONAL PSYCHOLOGY

A research degree in the educational psychology functional area requires competencies of all students in statistics, learning, and development and personality. These competencies are attested by examination.

No specific research tool will be required for all students. Competencies which facilitate specific research skills will be determined by the candidate's program committee.

#### *Preliminary Examinations*

When a student has passed the research-tools requirement and completed at least 36 hours beyond a master's degree or its equivalent, he may apply to the College of Education for permission to take the preliminary examination. The preliminary examination will assess the student's competencies in his field of specialization, including the research findings and techniques necessary for scholarship and productive work in his field.

#### *Dissertation*

The dissertation committee consists of a chairman who is authorized to direct doctoral dissertations and at least three others who are authorized to serve on dissertation committees. The committee is appointed by the dean of the School of Graduate Studies and Research on the recommendation of the area's coordinator through the assistant dean. At least one member of the committee must be from a functional area other than that of the student and at least one must be from a related area other than professional education.

Satisfactory completion of the dissertation requirement includes the passing of an oral examination which covers the dissertation and related areas.

### **Educational Administration and Foundations**

This department carries extensive graduate offerings in educational administration, instructional supervision, and educational foundations: support of the Master of Science in Education degree, the Sixth-Year Specialist's Certificate, and the Doctor of Philosophy degree in education.

The department administers its programs leading to the master's degree and the Sixth-Year Specialist's certificate, and provides program and personnel for doctoral students who wish to specialize in educational administration, general instructional supervision, and educational foundations.

#### *Master of Science in Education*

At the master's level, majors are offered in educational administration and in instructional supervision. Graduate courses taken in the department must follow the pattern of prerequisites for admission to course. Admission to master's degree work in the department must be approved



by the department's admissions committee. The department's admissions requirements are available upon request to the chairman. Degree candidates' programs of courses must be approved by the appropriate adviser in the department. Transfer from unclassified status will conform to School of Graduate Studies and Research and departmental requirements for such transfer.

The program for the Master of Science in Education degree, with a major in educational administration includes a basic core, an educational foundations sequence, research and tool subjects, and selected specialized courses. A research paper and a comprehensive oral examination are also required. The department stresses the advantage of an academic field teaching major for all educational administration students. An applicant for the degree is expected to have two years of successful teaching experience and must be able to meet the general administrative certification requirements of his respective state before the master's degree is conferred.

The regulations for the master's degree, with a major in instructional supervision, parallel those for the degree in educational administration. Students in this area normally select specialized courses in supervision and curriculum appropriate to their goals as supervisors, (i.e. elementary, secondary or both). The department encourages a cross-departmental approach in the selection of appropriate courses for individual programs.

#### *Sixth-Year Specialist's Certificate*

Admission standards for the Sixth-Year Specialist's certificate program parallel the admission requirements for the Doctor of Philosophy degree program. All candidates must have the master's degree or its equivalent. Prerequisites to this program include the required courses for the Master of Science in Education degree in educational administration which are not included in the student's master's degree program.

At least 16 hours in graduate courses will be taken in foundation fields of educational administration, at least 16 hours in the area of administrative specialization, at least 8 hours either in an internship or practicum, and five hours in a field study.

The Sixth-Year Specialist's certificate program will be designed by the candidate and his adviser subject to the approval of the advisory committee to the department. Specific courses and the sequence in which they are to be taken must be approved by the advisory committee. The department requires a comprehensive written examination as the final step toward the sixth-year program.

#### *Doctor of Philosophy*

Educational administration and foundations participates in the doctoral program in education in the functional area of administration and social and philosophical foundations. Students interested in educational administration and in social and philosophical foundations may pursue an equivalent of a major within the area program. For additional information on the Ph.D. in Education see the preceding section above. Inquiries should be addressed to the coordinator for the area of administration and social and philosophical foundations in the College of Education.

#### **Elementary Education**

##### *General Information*

Graduate programs in the Department of Elementary Education lead to

the Master of Science in Education degree and the specialist's certificate and contribute to the Doctor of Philosophy degree program in education.

Each graduate program includes certain required courses, guided electives, and related courses from areas other than elementary education. All programs must be planned with and approved by the graduate advisers in elementary education or in early childhood education. Specific course requirements for a given program may be obtained upon request from the Department of Elementary Education, Wham 222, Southern Illinois University, Carbondale, Illinois 62901.

Unclassified Students who are working on certification requirements are encouraged to change their status to that of candidate for the Master of Science in Education degree. Students who elect to remain unclassified must have the written approval of the chairman of the Department of Elementary Education before taking the professional courses offered by the department.

### *The Master's Degree*

Each graduate major in elementary education and in early childhood education for the Master of Science in Education degree consists of a minimum of 48 hours at least 24 of which must be on the 500 level. Programs have been developed to serve a variety of specialties in the field of elementary education as well as a program in general elementary education. The specialties which a student may choose are: social studies, language arts, developmental reading, clinical reading, mathematics, science, and early childhood education. Courses are also offered which support the program in elementary school administration and supervision although students seeking certification or a degree in this field may major in the Department of Educational Administration and Foundations of the Department of Elementary Education. The assistant dean for graduate studies in the College of Education will be the recommending office for administrative or supervisory certification. In lieu of a thesis, students are required to write a research paper and take Guidance 422a or its equivalent and Educational Administration and Foundations 500.

A total of from 8 to 12 hours should be selected from departments outside the College of Education.

Those who have undergraduate degrees in other fields, regardless of teaching experience, are required to complete, without graduate credit, at least four hours of elementary methods and eight hours of elementary student teaching. The teaching must be done in residence at a university or college approved by the National Council for Accreditation of Teacher Education. Admission for these students is conditional and the degree will not be conferred until Illinois teaching certificate requirements have been met.

A comprehensive examination in the area of general elementary education must be successfully completed by each student in elementary education or early childhood education. An examination may be given in the area of specialization as determined by the faculty associated with the specialty.

Any student taking graduate courses without first being approved by his adviser risks having work not accepted for the degree.

### *The Sixth-Year Specialist's Certificate*

The Sixth-Year Specialist's Certificate program requires 45 hours beyond



the master's degree. The program is individually planned to meet the student's professional objectives. Part of the program includes a project which shows the ability to conduct individual investigation. Additional information can be obtained by writing to the address indicated above. These inquiries should be addressed to the chairman of the department.

### *The Doctor's Degree*

The Department of Elementary Education participates in the Doctor of Philosophy degree in education with a major in curriculum and instruction with emphasis in elementary education. The applicant is approved only after admission to the curriculum and instruction functional area. Research requirements of the area must be met. Required also are completion of the preliminary examination in the field of specialization and the dissertation. The program has certain core requirements but is individually planned to meet the professional needs of the student. Opportunities are available for a strong subject-matter minor if one is interested, for instance in a special subject-matter field in the elementary school. Write to the chairman of the Department of Elementary Education for detailed requirements.

### **Engineering**

Graduate study programs leading to a Master of Science degree with a major in engineering are available in the following functional areas of engineering:

Electrical sciences—circuits, electronics, fields, controls

Fluid mechanics—viscous and inviscid flow, compressible flow, turbulence, wave motion

Solid mechanics and structures—continuum mechanics, dynamics and vibrations, experimental stress analysis, stability, structural analysis and design

Transfer processes and environmental engineering—heat transfer, mass transfer, chemical processes, water resources development, air and water pollution control

Systems engineering—bio-engineering, hybrid computation, control and instrumentation, computer applications, operations research and mathematical model formulation

Course work is also offered in such areas as energy conversion and engineering design. Students may take course work in one of the other branches of engineering or other areas of science such as physics, chemistry, mathematics, or geology with the approval of the Graduate Committee.

Students who are interested in advanced study in engineering must be admitted to the School of Graduate Studies and Research and accepted in the degree program by the School of Technology. In order to be admitted to candidacy for a graduate degree in engineering, the student must have had the equivalent of the coursework required for the Bachelor of Science degree in Engineering. Students whose undergraduate training is deficient may be required to take additional course work without graduate credit. Degree requirements are consistent with the general requirements of the School of Graduate Studies and Research with a minimum of 48 hours of graduate credit required, including a thesis.

One-half or one-quarter time instructorships, teaching or research

assistantships, and fellowships are available for qualified applicants. Additional information about programs, courses, instructorships, assistantships, and fellowships may be obtained from the School of Technology.

### English

Graduate courses in English may be taken for a major or minor in the Master of Arts program, for the subject-matter major in the Master of Science in Education program, and for the Doctor of Philosophy degree. In addition to Graduate School requirements for admission to the Doctor of Philosophy program, the Department of English requires a score at the 70th percentile or above in the advanced section of the Graduate Record Examination. Inquiries about admission to graduate study in English should be sent to the Director of Graduate Studies in English, Department of English, Southern Illinois University, Carbondale, Illinois 62901.

For the Master of Arts degree in English, the student must satisfy the following requirements:

1. Complete at least 48 hours of satisfactory graduate work.
2. Take English 500 in the first term it is available to him.
3. Take a course in the English Language or in linguistics.
4. Take English 585 (required only of teaching assistants).
5. Pass the Educational Testing Service examination for one foreign language, normally either French or German.
6. Submit to the director a clean copy of that research paper which best represents his abilities and accomplishments.
7. Pass the master's comprehensive examination.

The Master of Science in Education with an Emphasis in English is administered by the Department of Secondary Education. 32 of the 48 hours must be English credit, as advised by an English education specialist in the Department of English.

For the Doctor of Philosophy degree in English, the student must satisfy the following requirements:

1. If he has not already taken such courses on the graduate level, take at least one course in each of the following fields: English literature to 1500, 1500–1660, 1660–1800, 1790–1900, 1885 to date, and American literature.
2. If he has never had courses, graduate or undergraduate, in Chaucer, Shakespeare, and Milton, remedy this deficiency.
3. Present evidence of competence in English language and linguistics, normally by completing the appropriate courses with a grade not lower than *B*.
4. Satisfy two research-tool requirements. (See below.)
5. Pass preliminary examinations in English and American literature, the preparation for which is prescribed by his advisory committee.
6. Submit a satisfactory dissertation.
7. Pass a final oral examination.

### *Research tool options*

A student may satisfy the research tool requirements by fulfilling one of the three options listed below. The choice of option and languages selected must be approved by the student's advisory committee.

1. A reading knowledge, demonstrated by examination, of two languages in addition to English, selected from any language in which there is substantial literature for research and which is germane to the student's field. Foreign students may specify their native language as one of the foreign languages, provided it is one which meets the above requirements.

2. A command of one foreign language and its literature demonstrated by examination or by at least three courses numbered 400 or above, with an average grade not lower than 4.0. Preparation for this examination normally would require the equivalent of three years of study at the college level with grades of *B* or better. Foreign students may use their native language, provided it is one which is germane to the particular field of major concentration.

3. A student may elect to offer a single foreign language, and a special research technique or collateral field of knowledge. A special research technique should represent the acquisition of any special skill that will effectively contribute to the research proficiency of the student (provided that such a skill is not an assumed or traditional part of the major). The collateral field of knowledge is expected to broaden the student's scholarly background by permitting exploration of knowledge in a field related to the major.

To satisfy the research technique or collateral field requirement, the student may complete a total of three courses numbered 400 or above, with an average grade not lower than 4.0.

### Foreign Languages

For the Master of Arts and Master of Science in Education degrees, major and minor are offered in French, German, and Spanish. A minor may be taken in Russian.

For the Master of Science in Education degree, Romance Philology 410 is required for students in French and Spanish, and for those in German, German 413 is required. For the Master of Arts degree in French and Spanish, Romance Philology 410 and three hours of either French or Spanish 515 are required. All romance philology courses may be counted toward either French or Spanish specializations. For the Master of Arts in German, German 413 and 533 are required.

Normally the bachelor's degree and a minimum of 27 hours in courses on the junior-senior level, or the equivalent, constitute the prerequisite for registration in graduate courses. However, students who do not meet this requirement may register for specific graduate courses with the consent of the instructor and the authorization of either the chairman of the department or the chairman of the graduate committee of the department.

### Forestry

The Department of Forestry offers advanced courses for the Master of Science degree. Collateral course work in other departments of the University is recommended but varies with a student's specific program. The major forestry disciplines emphasized are: forest recreation and park management; forest resource economics; wood science and forest products; silviculture; tree breeding and improvement; forest biometrics; and forest watershed management. Also at the master's level a more diverse program in outdoor recreation resource management is offered to students



with or without forestry undergraduate training. This program includes a basic core composed of Management 440; Recreation 500; Forestry 450; Forestry 451a,b; Forestry 575. The remainder of the course work consists of selected electives which enable the student to combine his earlier academic experiences with a concentration in economic, natural, or social resources at the outdoor recreation resources management level.

In addition, cooperative curricula are available which permit graduate forestry students to enroll in Doctor of Philosophy programs with other departments. Syllabi are arranged on an individual student basis, emphasizing an interdisciplinary approach, and orienting within the biological, physical, or social sciences.

All candidates for the Master of Science degree will be expected to complete original research in some field related to forestry or outdoor recreation resources. For those concentrating in forestry this research shall lead to the completion of a thesis which will be governed by the rules of the School of Graduate Studies and Research. Students in the outdoor recreation resource management program may elect either a thesis problem or a research problem. Competence in a foreign language is desirable but not required. The same number of minimum hours required by the graduate school are acceptable to the Department of Forestry. Three letters of recommendation are requested in support of each candidate before he is accepted for graduate study. Submission of a 1,000-word theme prior to acceptance is required in addition to the completion of the aptitude test of the Graduate Record Examination. Additional details can be obtained by writing the Department of Forestry.

### **Geography**

The Department of Geography offers programs leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. It also offers a concentration in geography as part of the Master of Science in Education program in secondary education.

#### *Master's Degree*

The program is flexible and allows each student considerable freedom in formulating a program relevant to his own desires and anticipated professional goals. Upon entering, the student is expected to familiarize himself with the varied interests and competencies of the staff and, during the first quarter in residence, select a faculty adviser. By the end of his first quarter in residence, the student should identify a specific professional goal and develop, in consultation with his adviser, a satisfactory schedule of courses, seminars, and independent work that will achieve penetration in depth in a specialization in accordance with his professional goals. A written statement of the student's professional goals and proposed program as devised by the student and his adviser will be submitted to the Chairman who will appoint, on the recommendation of the student and his adviser, a committee composed of not less than three members of the geography staff and other staff outside the Department as seems appropriate. This committee, with the student's adviser serving as chairman, is charged with the following responsibilities:

1. Approval of the student's program.
2. Monitoring the student's progress.
3. Devising the appropriate comprehensive examination for the student as required by the School of Graduate Studies and Research.

#### 4. Approval of the thesis.

The normal course load ranges from 8 to 12 hours per quarter. The 48 hours required for graduation can be accomplished in four quarters, but experience has shown that students having an assistantship think of two calendar years as the time normally required to complete the master's degree. This longer time allows the student to complete a richer program and to spend adequate time in writing the thesis or its equivalent. Although the time in residence will vary depending upon the student's background, proposed program, and work habits, it is recommended that he begin formulation of a thesis proposal by the end of the second quarter. If a two-year timetable is assumed, then the proposal should be formulated by the end of the first year. Sometime during the second year, the student must pass a comprehensive examination set by his committee.

#### *Doctor of Philosophy Degree*

The objective of the Doctor of Philosophy degree program in geography is to develop scholars who can effectively carry on and present original research within the field of geography. To achieve this objective a general program has been designed to permit individual students maximum flexibility and penetration of geographic research in depth.

The geography faculty offers a variety of competencies and prospective applicants are urged to write the department directly concerning specific programs.

In addition to the general requirements of the School of Graduate Studies and Research, the department has the following five prerequisites for admission to the departmental program:

1. One personal and professional data form provided by the department must be completed and returned.
2. A statement of individual immediate and long-range professional goals must be prepared by the student and submitted to the department along with the completed personal and professional data forms.
3. Four confidential letters of recommendation or recommendation forms provided by the department must be sent to the department chairman from faculty of schools the student has previously attended. It is the responsibility of the student to contact the four faculty members and request that the letters or forms be sent. In the case of foreign students, the four letters of evaluation are to be submitted to the departmental chairman rather than to the Foreign Admissions Office.
4. Evidence of attainment of a master's degree or its equivalent must be provided in the form of appropriate official transcripts.
5. Scores from GRE must be sent to the department prior to the beginning of the program.

The doctoral program is composed of four chronological stages culminating in the final acceptance of the dissertation. The first stage is a program of courses worked out between the student and his advisory committee to take advantage of the student's previous professional preparation, interests, and abilities, and to remedy any weaknesses in his background. Courses comprising this stage will be built from the following major elements implemented by specific courses approved by the student's advisory committee: (a) a core of courses in geographic methodology, (b) a series of courses, seminars, and independent research courses in his field of specialization, course work in cognate fields to supplement his specialized training, and (c) training in the skills of scholarly research. Specific courses will be recommended only in those areas where a student lacks a demonstrated competency.



The Department of Geography has neither a minimum number of requirements nor will it specify any preferred skills for research; instead, the determination of requirements shall be arranged by the graduate student's advisory committee upon consideration of his program.

The second stage is the qualifying examination which is taken at the completion of formal course requirements and upon the recommendation of the student's advisory committee. This is followed by admission to candidacy upon satisfactory performance on the qualifying examination. Finally, there is the dissertation which must be approved by the student's advisory committee and orally defended before an examining committee appointed by the dean of the School of Graduate Studies and Research.

### **Geology**

The Department of Geology offers a program leading to the Master of Science degree.

#### *Master of Science Degree*

Entering students are required to take a placement examination which is administered at the beginning of the Fall and Spring terms each year. All students are expected to be familiar with the Department of Geology policies and requirements. Master's candidates must pass a written comprehensive examination at least six months prior to completion of a thesis. All students are expected to give evidence of competence in the basic sciences. A total of forty-eight hours of graduate work with an average grade of *B* or better constitute the minimum credit requirements. A final oral examination, primarily concerned with defense of the thesis, is administered as the last step before graduation.

The objective of the master's program is to develop the student's competence in the basic fields of geology and to provide for specialization dependent on student and faculty interest. Facilities and staff are available for studies involving surface and subsurface mapping, structural geology, petrology, paleontology, micropaleontology, palynology, paleoecology, coal petrology, coal geology, stratigraphy, sedimentation, sedimentary environments, crystallography, mineralogy, low temperature geochemistry, ore deposits, petroleum geology, environmental geology, hydrogeology, and exploration geophysics. Many of the faculty are actively conducting research in which statistical and computer techniques are applied to problem solving in the earth sciences. Interdisciplinary research with other departments is encouraged. Preparation for teaching earth science at the high school and junior college level may also be undertaken in cooperation with the College of Education and other science departments.

Southern Illinois and adjacent areas offer a wide variety of geological conditions ideal for individual study and research. Experienced staff members work closely with students and provide individual assistance when necessary. Graduate teaching, research and field assistantships are available to qualified students. The Illinois State Geological Survey and several major companies in the petroleum industry actively support geological work in this area.

### **Government**

The Department of Government has a balanced graduate program in political science. Graduate courses in government may be taken as

a major or cognate leading to the Master of Arts degree, as a part of a social studies major toward the Master of Science in Education degree, and as a major leading toward the Doctor of Philosophy degree.

The subject-matter fields in which graduate students concentrate their study are:

1. American Government and Policy
  - National
  - State
  - Local (city and county)
  - Law and Judiciary
  - Crime and Correction
  - Intergovernmental Relations
  - Legislative Process
2. Public Administration and Organizational Behavior
3. Political Process
  - Parties
  - Interest Groups (Labor) and Public Opinion
  - Voting Behavior
  - Legislative Behavior
  - Political Sociology
  - Psychology and Politics
4. International Affairs
  - International Politics
  - International Organization
  - International Law
  - American Foreign Policy
5. Comparative Politics
  - Comparative Government
  - Latin America
  - Western Europe
  - Russian and Eastern Europe
  - Middle East
  - South Asia
  - Southeast Asia
  - Far East
6. Political Theory & Methodology
  - History of Political Philosophy
  - American Political Thought
  - Methodology and Empirical Theory

All candidates for graduate degrees will be expected to select one of these areas as their major field and to demonstrate special competence both in that field and in a limited number of other areas of concentration.

Application for admission to graduate study in government should be directed to the School of Graduate Studies and Research. This application should be accompanied by: (1) a vita encompassing the student's academic and practical experience to date, (2) a broad statement of the applicant's purpose in undertaking studies for M.A. or Ph.D., (3) three letters of recommendation from former teachers or supervisors. (For a Ph.D. applicant at least two letters should be from former graduate professors including the director of previous graduate work), (4) three copies of a complete transcript of all undergraduate and graduate work, and 5. scores of the Graduate Record Examination (Verbal, Quantitative, and Advanced). The GRE will be waived temporarily only on the condition that it is not possible for the student to take the examination within a given

period of time. In this event, the student is required to take the examination at the first opportunity after arrival on campus. Applications and supporting materials should be submitted at least eight weeks prior to the beginning of the quarter in which the student expects admission to study.

Departmental processing of applications for acceptance as a graduate student in government is the joint responsibility of the department's director of graduate studies and its graduate studies committee. The director of graduate studies serves as adviser for all graduate students until such time as a faculty adviser or committee is named for the individual student, which will normally be done not later than the end of the first quarter in residence.

### *Master of Arts Degree*

Requirements for admission imposed by the department are in addition to those of the School of Graduate Studies and Research. The department will ordinarily accept as candidates for the master's degree only those applicants who: (1) have graduated from an accredited four year college or university; (2) have completed a minimum of 24 quarter or 16 semester hours in the field of government or political science; (3) have a 3.7 (5-point scale) over-all grade point average, or alternatively, 3.9 over-all for the last two years of undergraduate work; and (4) have a 4.0 over-all average in government or political science. Applicants who do not meet these minimal requirements or their equivalent, but who do meet the minimum standards of the graduate school, can be considered for acceptance only on petition to the department's graduate studies committee which, if granted will be accompanied by a statement specifying the special conditions or requirements of admission.

A minimum of 48 quarter hours of credit, no more than 9 of which may be for the thesis, constitutes the basic course requirements for the Master of Arts degree. At least 24 of these hours must be at the 500 level. The course work must be so planned as to include at least 8 hours of work in each of three areas of study.

A student who completes only the minimum of 48 hours of course work may devote no more than 8 of those hours to courses outside the department unless the work is in a cognate field which has been approved as a replacement for one of the areas of concentration within the department. In the latter event, as many as 16 hours in outside fields may be counted within the 48 hour minimum.

Each candidate for a Master of Arts degree must include in his studies the departmental courses in the scope and method of political science—Government 500A and Government 500B. Candidates for the Master of Arts must demonstrate proficiency in one of the three following areas: (a) a modern language, (b) statistics, and (c) computer programming. The method of demonstrating proficiency is the same as that followed by candidates for the Ph.D. Degree.

A student must maintain an overall 4.0 (5 point scale) grade point average in order to be eligible for the Master of Arts degree, and no more than 9 hours of work with a grade of C may be counted toward the Master of Arts. A student whose work at any time falls significantly below this average may be dropped from the graduate program after consultation between his adviser and the director of graduate studies. The grades of S and U are given for thesis credit.



An adviser is chosen for each student. A thesis is required for the Master of Arts degree, the topic of which is chosen in consultation with the adviser at the earliest practical time. This requirement may be satisfied by an internship report of the same type and quality as a thesis.

The final oral examination will cover the thesis and the major area in which it was written, and it may also test the candidate's general competence in the field of government.

### *Doctor of Philosophy*

An advisory chairman and committee is appointed for each student studying toward the Ph.D. degree. The study program is worked out by each student in consultation with this committee.

At least one year (3 academic quarters) in residence is required prior to the administration of the comprehensive preliminary examination preceding admission to candidacy. The course work must be so divided among the various areas of study as to satisfy departmental requirements and prepare the candidate for the preliminary examination.

At least one half of the course work must be at the 500 level. Government 500a and b are required. The student must also complete 8 hours of history of political theory. This requirement may be satisfied by previous undergraduate or graduate work. The student must also have completed at least one course in each of the six areas of concentration at some point in his academic studies, undergraduate or graduate.

The plan of studies approved for the student may include cognate work outside the Department of Government. Approval for a cognate field must be secured from his doctoral advisory committee.

Proficiency in two foreign languages, one language and statistics, one language and computer programming, or statistics and computer programming, is required of each candidate for the Doctor of Philosophy degree. The choice will be determined by the student in consultation with his advisory committee, and should be relevant to the student's graduate program. This requirement must be satisfied before the preliminary examination for admission to candidacy is administered.

Language proficiency must be demonstrated by passing the national Educational Testing Service foreign language examination in that language, or an equivalent examination approved by the department. Proficiency in computer programming must be demonstrated by satisfactory completion of the computer programming examination prescribed by the department. The statistics requirement may be satisfied by completion, with a minimum grade of *B*, of one of the following statistics course sequences or an approved equivalent: Guidance 505, 506, and 507; or Mathematics 410a,b, and c or d; or 480a,b, and c. The statistics requirement may also be satisfied by satisfactory completion of the statistics examination prescribed by the department.

The comprehensive preliminary examination is given only when the applicant has completed all required courses, has completed the required period of residence and has satisfied the language or equivalent requirement. The examination is both oral and written, and must be completed within a two-week period. The student is tested in four of the six areas of graduate study. Among the four, American government and policy and either comparative politics or international relations are required. Substitution of cognate areas is permitted if approved by the student's advisory committee.

A dissertation showing high attainment in independent, original scholarship and creative effort must be completed in meeting the final requirements of the degree of Doctor of Philosophy. The final examination is oral and devoted primarily to a defense of the dissertation.

### **Guidance and Educational Psychology**

The Department of Guidance and Educational Psychology offers programs at three levels. The Master of Science in Education degree, Sixth-Year Specialist's certificate program and Doctor of Philosophy degree in education are awarded after completing an appropriate series of learning experiences in approved curriculum.

#### *Admission and Advisement*

Admission to the programs is in accord with requirements of the graduate school. Persons seeking admission for the master's and specialist's degrees should make application to the School of Graduate Studies and Research through forms which may be obtained from the department. Completed forms together with test scores constitute an admission dossier which is reviewed by a standing committee. Admission is generally granted six weeks before the beginning of a quarter and applicants should file materials well in advance of a term in which they desire admission. Advisement for all programs of the department is decentralized and students are assigned to members of the faculty at the time of admission.

#### *Master's Degree in Guidance*

The master's degree program offers two 48-hour curricula. One in elementary guidance and one in secondary guidance. Both curricula are designed for persons seeking Illinois guidance certification and presume either Illinois teacher certification or concurrent completion of teacher certification curriculum.

#### *Master's Degree in Educational Psychology*

A 48-hour curriculum in educational psychology is available for persons seeking preparation in the analysis of learning and child study. It is not related to teacher certification but is intended to provide a basis for research work in the schools or advanced work in educational psychology at the doctoral level. A comprehensive examination and a thesis are required.

#### *Sixth-Year Specialist's Certificate*

A Sixth-Year Specialist's certificate is offered in guidance and pupil personnel services. This program is offered through the department and is intended to provide background and training to qualify for administrative or special counseling positions in school guidance or pupil personnel programs or school psychology internships. A comprehensive examination and research paper are required.

Admission to the specialist program is through the Guidance and Educational Psychology Department. A master's degree or its equivalent is a prerequisite. The specialist program is intended to result in a terminal specialist certificate.

#### *Doctor of Philosophy*

Guidance and Educational Psychology participates in the doctoral pro-



gram in education in the functional area of educational psychology. Students interested in counseling, educational measurement and statistics, and human learning may pursue an equivalent of a major concentration within the area program. For additional information on the Ph.D. in education, see the preceding section entitled Education. Inquiries should be addressed to the coordinator for the area of educational psychology in the College of Education.

### **Health Education**

#### *Master of Science in Education*

Master of Science in Education degree programs are offered in health education. The candidate may select from three areas: school health education, community health education, and safety education. A common core of 20 quarter hours in health education is required of all master's degree candidates.

#### **SCHOOL HEALTH AND SAFETY EDUCATION**

In school health and safety education, two programs may be followed: (1) a minimum of 24 hours in health education, a minimum of 16 hours in a minor field, and 8 hours, with departmental approval, from other graduate courses in the University; or (2) a maximum of 40 hours in health education and 8 hours from offerings in the field of education having departmental approval.

#### **COMMUNITY HEALTH EDUCATION**

The program in community health education extends over four quarters of study with 60 quarter hours required for the degree. In addition to the common core of 20 hours in health education required of all master's candidates, the community health education concentration requires Health Education 488, 489, and 500; a minimum of 4 quarter hours in foods and nutrition; 4 quarter hours in communications or group work methods; a full quarter as a field intern (Health Education 590); and, electives to 60 quarter hours.

#### *Doctor of Philosophy Degree*

The Doctor of Philosophy degree in education with concentration in health education is provided through the functional areas of (1) curriculum and instruction and (2) administration and social and philosophical foundations. Students wishing to pursue the advanced degree will receive individual guidance from the graduate adviser in health education appointed through the appropriate functional area.

### **Higher Education**

This department provides graduate offerings in higher education studies in support of the Master of Science in Education and Doctor of Philosophy degrees.

The department administers programs leading to master's degree concentrations in college student personnel, academic administration, college and university business affairs, and community or junior college teaching. A special internship program for the preparation of teachers for community colleges and technical institutes has been a shared project of

Southern Illinois University and the Junior College District of St. Louis-St. Louis County, Missouri, since 1966 (funded in major part by the Ford Foundation). Students interested in one of these master's programs may obtain information and advisement from the advisers of the respective programs through the Department of Higher Education.

For the Doctor of Philosophy degree the faculty members of this department comprise the graduate faculty of the higher education concentration for the functional area of administration and social and philosophical foundations in the College of Education.

Qualified students accepted in any program in the department may apply for fellowships granted through the School of Graduate Studies and Research. Information concerning these fellowships and other kinds of financial support may be obtained by writing the department chairman.

## **History**

### *General Information*

Graduate work in history is offered at both the Masters and the Doctoral levels. Admission to programs administered by the Department of History must be approved by the Department, with approval dependent upon the preparation, ability, and promise of the individual student. For the Master of Arts program, the Department has no formal admission requirements beyond those of the Graduate School. For admission to the Doctoral program, each applicant should submit to the Department, in addition to the material sent to the Graduate School, the following letters and report: three letters from former teachers, preferably at the graduate level; a letter in which the applicant expresses his professional and personal objectives; and a report of the result of the Graduate Record Examination.

Fellowships and teaching assistantships are available to qualified graduate students. All carry stipends, and remission of tuition. Applications for these awards should be submitted by February 1.

Additional information concerning the graduate program in history may be obtained by writing to the chairman, Department of History.

### *The Master's Degree*

History may be chosen as a major or minor for the Master of Arts degree and as the subject-matter major for the Master of Science in Education degree. Four major areas of historical study are offered: American, Latin American, European, and Asian or African. Candidates for the M.A. degree must consult with the graduate adviser in the Department of History before registering for courses. Candidates for the M.S. in Education degree must consult with the appropriate adviser in the Department of Secondary Education before registering for courses.

For the Master of Arts degree in history, 48 quarter hours of satisfactory graduate work are required; at least 24 of these 48 hours must be on the 500 level. Within this general requirement, at least 32 quarter hours must be in appropriate history courses, with at least 16 of the 32 hours on the 500 level. The remainder of the hours may be taken in courses on the 400 level. The Department of History strongly recommends that each candidate be enrolled in at least one 500-level course each quarter during his first three quarters in the program. A candidate for the Master of Arts degree must pass a reading examination in a modern foreign language. He may elect to fulfill the research requirement through either the thesis or the nonthesis program.

A candidate in the thesis program should, with the approval of the chairman, select a thesis adviser and a thesis topic by the end of his second full-time quarter in the program. As many as nine quarter hours may be in thesis research. The candidate must submit an acceptable thesis, and pass a comprehensive oral examination covering his fields of specialization and his thesis.

A candidate in the nonthesis program must receive an *A* or *B* in two separate research seminars, and copies of his research paper from one of these seminars must be filed with the department and the School of Graduate Studies and Research. Each candidate is required to pass a comprehensive written examination in two of the following ten fields. The two fields may not be in the same group.

*Group I—American History*

To 1865

Since 1865

*Group II—Latin American History*

Colonial period

Independent period

*Group III—European History*

Ancient

Medieval

England since 1600

Europe, 1450–1789

Europe, 1789 to present

*Group IV—Asian or African History*

*The Doctor of Philosophy Degree*

Candidates in history for the Doctor of Philosophy degree must complete at least two years of full-time graduate work beyond the bachelor's degree or one year beyond the master's degree (or its equivalent), and submit a satisfactory dissertation. The courses and hours of credit necessary for a doctoral student to prepare for preliminary examinations will be determined by the student's advisory committee. The goal is to develop high competence in the five selected fields in which he will be examined.

The department requires all candidates to pass a reading examination in two foreign languages. With the approval of the department, statistics or computer programming may be substituted for one language. The language requirement must be satisfied prior to the preliminary examinations.

The department offers advanced study in fifteen fields of history which are grouped in four major divisions.

*Division I—American History*

Colonial

United States, 1776–1865

United States, 1865–1919

United States, 1919 to present

Mississippi Valley and Illinois

*Division II—Latin American History*

Colonial

Middle America

South America

*Division III—European History*

Ancient



Medieval

England since 1600

Europe, 1450–1815

Europe, 1789 to present

*Division IV—Asian History*

East Asia

South Asia and Southeast Asia

For his preliminary examinations, the student will present five fields; either all five in history or four in history and one in a minor. Not more than three of these fields may fall within any one of the above divisions. The preliminary examinations will consist of a three-hour written examination in each of his five fields and a two-hour oral examination covering all fields.

After completing his course work, fulfilling the foreign language requirements, and passing the preliminary examinations, the student will be admitted to Ph.D. candidacy and devote his time to the dissertation. Dissertation subjects must be chosen from either American history or Latin American history. Subjects in American history may fall within any field listed in division I above. Subjects in Latin American history should come from the following areas: regions of special concern to the United States (e.g. the Caribbean), rapidly developing regions (e.g. Mexico), and underdeveloped areas (e.g. the Andean states), with major attention falling within the nineteenth and twentieth centuries. The final oral examination will cover the field of the dissertation and related matters.

#### *Assistantships and Fellowships*

Fellowships and teaching assistantships are available to qualified graduate students. All carry stipends, and remission of tuition. Applications for these awards should be submitted by February 1.

Additional information concerning the graduate program in history may be obtained by writing to the chairman, Department of History.

#### **Home Economics**

The Master of Science and Master of Science in Education degrees with a major in home economics are available with specializations in:

1. Child and Family
2. Clothing and Textiles
3. Family Economics and Management (including Interior Design)
4. Food and Nutrition
5. Home Economics Education

#### *Prerequisites for Admission to Graduate Study*

1. Admission to the School of Graduate Studies and Research.
2. Completion of a curriculum in home economics or in a field related to the area of specialization, such as biological, physical, and social sciences, art, business, and communications. When necessary, deficiencies may be made up concurrently.
3. Satisfactory scores on the Graduate Record Examination.
4. An undergraduate grade point average equivalent to 3.70 or above. Conditional admission may be granted where the grade point average is above 3.40 but below 3.70.

5. A scholastic record that indicates ability to pursue advanced study in the chosen major field.

6. Demonstrated ability to write effectively as indicated by scores in English composition. In the case of foreign students an official statement showing sufficient proficiency in English is required.

7. The student attains full graduate standing in home economics when he has met the above requirements and has made satisfactory scores on the Ohio State Psychological Examination.

#### *Requirements for the Master of Science in Home Economics*

In addition to the general requirements of the graduate school, requirements for the master's degree in home economics are:

1. Thirty to thirty-two quarter hours in the field of specialization plus 16-18 quarter hours in approved related fields with a minimum total of 48 quarter hours, 24 of which must be in courses at the 500 level.

2. The required courses for all master's degrees in home economics are: Guidance 505 or equivalent, and Home Economics Education 500-4 or equivalent. A thesis or research paper is required.

Additional requirements may be specified for each major. It is expected that the individual program will be planned by the student and the adviser to supplement the student's previous training and experience, with due consideration given to the student's objectives.

#### *Requirements for the Master of Science in Education*

Thirty-two hours in the field of home economics are required for a major, with a 16-hour minor in education. The student's graduate committee may require a program including additional credit. Required courses are Guidance 505 or equivalent, Home Economics Education 415, 500, 505, 506, 599 (Thesis). As an alternative to writing a thesis, specific courses on the graduate level as recommended by the student's advisory committee and approved by the dean of the School of Graduate Studies and Research may be taken; each student who does not write a thesis must submit to the graduate school, for its permanent records, a copy of a research paper as evidence of his knowledge of formal research techniques.

### **Instructional Materials**

The Department of Instructional Materials offers courses of study leading to the Masters of Science in Education degree. Concentration of study may be in any of the three areas: instructional materials, audiovisual, or library service. The concentration of instructional materials is recommended for most students, for it gives a broader base of study and the public schools are moving toward instructional materials centers rather than toward the separate areas of audiovisual and library service.

The graduate major concentration in instructional materials, toward a Master of Science in Education degree, involves professional training in both audio-visual education and school library service. It meets the state and national certification standards for full-time school librarians and the standards recommended by the Association for Educational Communication and Technology of the National Education Association. In Illinois every school librarian is also required to have earned a teaching certificate.

Fifty-two hours are required for the major. No minor is required. At



least 26 hours must be in courses numbered 500 or above. The following courses are required: 413, 417, 510, and 514.

The minor in school library service is offered for students taking a major in another area. This, consisting of a minimum of 16 hours, is intended primarily for teachers who wish to obtain an appreciation of literature for children and adolescents. It is not intended for the preparation of professional school librarians. The following courses are required: 405, 406, 514, and at least 4 hours from 420, 510, 530, or 576.

The Doctor of Philosophy degree in education with a concentration in learning resources may be taken either in the functional area of educational psychology or curriculum and instruction. The procedures and qualifications are those established by the functional areas and information can be obtained by writing to the coordinator of the educational psychology or curriculum and instruction functional area, College of Education.

The doctoral program in learning resources is designed for those individuals who wish to become directors of instructional materials in a large school system, a college, a university, or industry where the scope of the program will require, under the director, separate specialists in the audio-visual and library fields. The graduate of this program would be able to plan long range activities for his unit, work with curriculum committees, with administrators, and with specialists such as psychologists, research directors, and directors of reading centers.

For further information concerning major and minor programs, work experiences, job opportunities, or other related matters, consult the chairman, Department of Instructional Materials.

### **Inter-American Studies**

Course work in the inter-American studies field is offered by the Departments of Anthropology, Economics, Foreign Languages, Geography, Government, and History.

Prerequisites for the Master of Arts degree include a command of the Spanish language adequate to meet the student's needs for research and communication within the area of his program. The director of the Latin American Institute and the supervisory committee will determine the student's linguistic competence on registration and, where necessary, specify what the student must do to improve his proficiency in Spanish. Whenever the student's program involves the need for Portuguese or French, he will also need to demonstrate or attain satisfactory proficiency in that language. In addition, a satisfactory basic preparation in inter-American studies is required.

#### *Requirements for the Master of Arts Degree*

1. The completion of at least 30 hours of courses acceptable for graduate credit in one of the above listed departments.
2. The completion of a minimum of 18 hours of related studies approved by the student's supervisory committee which will meet the requirement for a minor in the Latin American Institute. A maximum of three areas is permitted in the field.
3. The completion of a satisfactory thesis on a Latin American topic in the major for which 5 to 9 hours of credit are given.

A minor in inter-American studies for those students with a major in a

department outside of the institute will consist of a minimum of 18 hours to be taken in two of the participating departments. Specific course programs will be worked out by the director of the institute in consultation with the chairmen of the departments involved.

In every case the student's final program must be approved by the graduate supervisory committee, acting under policies established by the Latin American Institute and the School of Graduate Studies and Research.

### Journalism

Course programs in journalism leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees are offered by the Department of Journalism. Each graduate student's total program will be designed specifically for that student by the student in consultation with his academic adviser. Although the mere accumulation of credit hours should not be the objective of any student, minimum course requirements are set forth for both the master's and Ph.D. degrees.

#### *Master's Degree*

Candidates for the master's degree must complete a minimum of 48 quarter hours of graduate work, including the thesis. Approximately half of the course hours must be earned in journalism and half in non-journalism disciplines. Each student will be challenged to demonstrate a capacity for investigation and independent thought in his thesis. Students who pass the ETS Graduate Foreign Language Examination in addition to all other requirements, may qualify for the Master of Arts degree.

#### *Doctor of Philosophy Degree*

Minimum course requirements for the Ph.D. degree will include 96 quarter hours beyond the bachelor's degree. Students generally will include a minimum of 36 quarter hours in journalism, 24 quarter hours in each of two non-journalism areas of study, and 12 quarter hours of electives. The student will complete at least 48 quarter hours of course work beyond the master's degree. These course requirements do not include credits earned in dissertation, Journalism 600.

Each student will propose to his academic adviser before registering for his third quarter a listing of courses to be included in his study program with a statement of justification for these courses. Revisions may be made in his course of study only with the written approval of his academic adviser. In preparing a course proposal, the student is encouraged to deviate from the 36-24-24-12 hour course requirements outlined herein when to do so enables him to devise a rigorous program which best meets his academic and professional needs.

The Ph.D. student, in consultation with his academic adviser, will elect two from among these five research tool combinations:

Journalism 432, 433a

Journalism 590, History 451, Government 499

Guidance 505, 506, 507 or Mathematics 410a,b,c

Computer Programming

Modern foreign languages (one or two from among those approved by the School of Graduate Studies and Research)

A student may propose other research tools for the consideration of his



academic adviser who, in consultation with the department's graduate faculty executive committee, may approve, modify, or reject the proposal. Courses taken to satisfy research tool requirements may not be counted for Ph.D. degree course credits.

Doctoral students who enroll, either for course credit or for research tool requirement, in one of two major research areas within the department (behavioral and historical) will be encouraged to take at least the basic course in the other research area.

In addition, each student will be required to undergo, usually during his first term, an evaluative process (exam or directed study) designed as a guide to counseling and advising; undergo written and oral preliminary examinations in both his journalism and non-journalism areas of study; prepare a dissertation based on original, scholarly research; stand oral examination over the dissertation; and fulfill all the School of Graduate Studies and Research requirements.

### Linguistics

Graduate courses in theoretical and applied linguistics are offered leading to the Master of Arts degree in linguistics or in English as a foreign language. Courses, both undergraduate and graduate, are also offered for a minor in linguistics; only graduate courses are offered for a minor in English as a foreign language. Applicants for admission should send inquiries to the chairman, Department of Linguistics, Southern Illinois University, Carbondale, Illinois 62901.

#### *Master of Arts Degree in Linguistics*

Applicants for admission to the linguistics program, besides meeting the general conditions for admission to the School of Graduate Studies and Research, must have an undergraduate average of at least 4.0 (on a 5.0 scale). They must also satisfy the following additional prerequisites: a set of courses corresponding to Articulatory Phonetics (402a), Introduction to General Linguistics (401a), and Introduction to Structural Linguistics (401b). Applicants with partial deficiencies in the above prerequisites may be provisionally admitted until the prerequisites are met. With regard to these prerequisite courses (which do not carry degree credit), the student who believes himself capable in the material of any of these courses may ask that a proficiency examination be administered. Such an examination will be equal in scope to that usually given at the end of the course. Candidates for the M.A. degree must have current proficiency in a language other than English; this may be native proficiency or the equivalent of the proficiency expected after three academic years of course work. In cases in which there is doubt about the currency or the degree of proficiency, formal language tests will be administered. An undergraduate background in linguistics, foreign languages, English, anthropology, psychology, mathematics, or philosophy is desirable though not required.

For the major, students are expected to take a minimum of 24 hours in linguistics including 2 courses at the 400-level (405, 408), 4 courses at the 500-level (505, 506a, 508, 550a or b), and 20 hours in an elective area. In the elective area the student has the option of an inside minor, which is an additional concentration exclusively on courses in linguistics, or an outside minor. The outside minor may be in a language area

(courses dealing with the structure, phonology, and history of individual languages or families of languages) or a related area (e.g. language learning, English as a foreign language, language and culture, instrumental phonetics, literary studies, including stylistics) in cooperation with other departments of the University.

At the end of their course work, students will take a comprehensive examination covering the areas of their concentration. This examination may not be taken more than twice.

A thesis is required for the M.A. in Linguistics. The student, in consultation with his departmental academic adviser, will select a chairman and two other faculty members to serve as his thesis committee, the chairman to be a member of the graduate faculty of the Department of Linguistics. One or both of the other committee members may be from outside the department. The topic of the thesis may come from the major field of linguistics, or from the area of the student's minor, with the stipulation that the topic be demonstrably related to the major in linguistics. In the latter case, the thesis committee may be cochaired by a faculty member outside of the Department of Linguistics.

The total credit requirement is a minimum of 48 quarter hours. Students are encouraged to attend the summer linguistic institute of the Linguistic Society of America; credit will be allowed for course work successfully completed.

#### *Master of Arts Degree in English as a Foreign Language*

Applicants to the program in English as a Foreign Language, besides meeting the general conditions for admission to the graduate school, must have an undergraduate average of at least 3.8 (on a 5.0 scale). An undergraduate background in any of the following fields is desirable: English, anthropology, foreign languages, philosophy, psychology, mathematics. Those applicants who have less than a 3.8 average or who have an undergraduate background other than those specified may be admitted only after consultation with the chairman of the program. Applicants who are not native speakers of English must meet the following additional requirements: undergraduate concentration, or the equivalent, in English language or literature; TOEFL examination score of at least 550; and satisfactory English language proficiency in the language examinations administered on arrival at the University. Deficiencies will be made up as necessary.

The curriculum is designed to give systematic work in both theoretical linguistics and applied linguistics (methodology of the teaching of English as a foreign language). For the major, students are expected to take 32 hours of theoretical linguistics, (401a, 401b, 402a, 403 or 405, 408, 501, 508 Anthropology 401), 13 hours of applied linguistics, (570, 571, 572, 573 or 580), and 3 hours of a related elective. Students must maintain an average of *B* for the first 26 hours (approximately 2 quarters) of graduate work in order to qualify to take the written comprehensive examination required for the M.A. in English as a Foreign Language. This examination may not be taken more than twice. If the candidate does not qualify to take the comprehensive, or if he fails it twice, he will receive a certificate of attendance. A thesis is not required for the M.A. in English as a Foreign Language; the candidate must submit to the chairman a clean copy of a research paper (approved in one of his courses) for submission to the School of Graduate Studies and Research.

## Mathematics

Graduate work in mathematics is offered leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. Major or minor work for the Master of Science in Education degree and minor work for graduate degrees in other fields are also offered. In addition to the general rules, regulations, and requirements of the School of Graduate Studies and Research, the following specific requirements pertain to the various degrees available with a major in mathematics. The department should be consulted for complete details.

### *Master of Arts Degree*

1. Course work must include: Mathematics 501a,b; 520a,b; 530a,b; and 555a,b. Graduate credit must total at least 48 hours.

2. Successful completion of an examination in reading mathematical literature in French, German, or Russian. This examination will be given by the Educational Testing Service or by the Foreign Language Examining Committee of the Department of Mathematics.

3. A thesis carrying 5 to 9 hours credit in Mathematics 599.

4. Satisfactory performance on a written examination (usually given in the spring quarter) in three of the following areas, including (1) and (2) in any case: (1) Real Analysis (452a,b,c; 501a,b,c); (2) Algebra (421a,b; 520a,b,c); (3) Topology (530a,b); (4) Probability and Statistics (480a,b,c or 483a,b,c); (5) Complex Variables (555a,b,c).

5. Satisfactory performance in an oral examination over the thesis and such other material as the examining committee may feel is most appropriate.

### *Master of Science Degree*

1. Course work must include the following: Math 419a,b; 421a,b; 433a,b; 452a,b,c; one sequence from Math 426a,b; 475a,b; 480a,b; 483a,b; at least three 500-level sequences, one of which includes the c course. Graduate credit in mathematics must total at least 48 hours.

2. Successful completion of an examination in reading mathematical literature in French, German, or Russian. This examination will be given by the Educational Testing Service or by the Foreign Language Examining Committee of the Department of Mathematics.

3. A research paper carrying 3 hours credit in Mathematics 595 or the successful completion of a three-quarter graduate seminar, carrying a total of 4 hours credit.

4. Satisfactory performance on a written examination in 419a,b; 421a,b; 433a,b; 452a,b,c; and in one 500 level a,b,c sequence.

5. Satisfactory performance in an oral examination over the research paper and such other material as the examining committee may deem appropriate.

### *Doctor of Philosophy Degree*

A student will be considered for acceptance into the Ph.D. program if he has demonstrated above average performance in graduate work comparable to that required for a master's degree at most American universities. Once accepted, the requirements are:

1. Satisfactory performance on a qualifying examination during the



student's first year. All or part of the qualifying examination may be waived under certain circumstances.

2. Demonstrated reading competence in mathematics in two of the languages; French, German, Russian. This will be done by passing examinations given by the Educational Testing Service or by the Foreign Language Examining Committee of the Department of Mathematics.

3. At least 48 hours of course work beyond that required for the master's degree; at least 24 hours of the 48 must be at the 500 level. At least 18 hours of the 48 must be in one of the fields listed below, and 9 hours of the 48 must be in each of two other fields.

Algebra, Analysis, Applied Mathematics, Differential Equations, Geometry, Logic, Number Theory, Probability and Statistics, Topology.

4. Satisfactory performance on a preliminary examination (generally consisting of both written and oral parts). The material of the examination will be determined by the student's advisory committee.

5. A dissertation (representing at least 36 hours of credit in Mathematics 600) demonstrating the candidate's capacity for original and independent research in an area of concentration chosen from the nine listed in item 3 above. The candidate will also be examined orally on his dissertation.

### Microbiology

Graduate courses in microbiology may be taken as a major or minor leading to the Master of Arts degree, or as a part of a biological sciences program leading to the Master of Arts, Master of Science, and Master of Science in Education degrees.

The Doctor of Philosophy degree in microbiology will be awarded to a candidate in recognition of achievement in independent research and in advanced studies. His original contribution to knowledge, evidenced in the dissertation, together with a superior comprehensive scholarship record and satisfactory completion of prescribed examinations are the criteria for the degree. Emphasis will be placed on his critical evaluation of, and familiarity with, the existent developments in microbiology and related areas of study.

The Department of Microbiology offers facilities for research in microbial genetics, cytology, radiation biology, physiology and biochemistry of microorganisms, medical microbiology, immunology, and virology. In addition to the library facilities, reprint collections covering many topics in microbiology are available for student use.

To be eligible for the Doctor of Philosophy degree, the student must satisfy the following requirements: (1) He must complete at least 144 hours of graduate work and research. Credit for research may not exceed 60 of the 144 hours; (2) He must demonstrate his proficiency in statistics and his ability to read, with reasonable facility, scientific literature in one modern language; (3) He must pass the qualifying examination and a final oral examination; and (4) He must submit an approved dissertation based on his research.

A minor may be elected as part of a doctoral program in microbiology, subject to approval of the department, from courses in any program which constitute a major for the master's degree. A minor in microbiology for the doctorate in another biological science consists of general microbiology and 20 hours selected from courses offered by the department.

## Molecular Science

Graduate work in molecular science may be taken as a major or minor leading to the Doctor of Philosophy degree. This program, an interdisciplinary program with a core in theoretical and applied physics, presently includes research in the areas of atomic-molecular physics, biophysics, crystallography, geochemistry, materials science, mathematical physics, molecular genetics, nuclear physics, and solid-state physics. It affords the student a unique opportunity to work with the research faculty and facilities in related areas throughout the University and to specialize, if he chooses, in problems embracing several academic disciplines. A molecular science committee appointed by the dean of the School of Graduate Studies and Research from eligible graduate faculty members of the various interdisciplinary areas is a continuing body for overseeing and evaluating the program. The chairman of the Department of Physics administers the program, subject to the policies set forth by the molecular science committee, the Graduate Council, and the dean of the School of Graduate Studies and Research.

In addition to the general rules, regulations, and requirements of the graduate school, the following specific requirements pertain to the Doctor of Philosophy degree in molecular science:

### *Admission to the Program*

1. A master's degree or equivalent from any area of the physical and life sciences, engineering, or mathematics is required for admission to the program.
2. Competence in French, German, or Russian, as demonstrated by passing the ETS Graduate Foreign Language examination is required for admission to the program. Another language, highly pertinent to a particular research area, may be substituted if a formal petition is approved by the molecular science committee. Passing scores on the ETS exams are determined by the graduate school.

### *Admission to Candidacy*

1. Passage of a preliminary examination, both written and oral, in the four core areas of theoretical and applied mechanics, theoretical and applied electrodynamics, quantum theory, and statistical physics, and in one specialty area selected by the student.
2. Demonstrated competence in a second research tool. This may be accomplished through an ETS examination in a foreign language, or by satisfactory completion of the certification procedures for statistics or computer programming as administered by the School of Graduate Studies and Research.

### *Dissertation*

1. A dissertation and its defense with distinction before a committee. The Administrator of the molecular science program should be consulted for complete details.

## Music

The master's degree in music consists normally of a total of 48 hours of work in an area of specialty outlined below. Further work may be re-



quired in certain cases. Candidates for the Master of Music, Master of Music Education degree, or the Doctor of Philosophy degree in education who wish to choose applied music courses as electives will take the 400-series course in their major instrument or voice. Applied music majors in the Master of Music curriculum will take the 500-series course in their major instrument or voice for 4 hours per quarter. These are artist-level courses, and admission to them and to the degree program must be obtained from the chairman of the department after passing a jury examination.

Proficiency examinations will be given to all entering students and comprehensive examinations will be administered during the terminal quarter. Please consult the *Handbook for Graduate Study in Music* for more detailed information.

### *Master of Music Degree*

Requirements include 18 hours in the major area for history-literature and theory-composition, and 12 hours for applied major concentration; Music 501-3, 502-6, 599-3 to 9 (thesis), and electives in music to make a total of 48 hours.

Thesis credit for the applied major may be met by presenting a full recital for 6 hours credit and a research document for 3 hours credit.

### *Master of Music Education Degree*

A minimum of 12 hours must be in music education courses. A maximum of 8 hours may be elected in fields outside music after consultation with the adviser. Other requirements include Music 501-3, 503-3, and 599-9 (thesis, or 9 hours of course work as approved by the director of graduate studies), and electives in music to make a total of 48 not less than hours, of which 9 hours must be in the areas of graduate theory and/or music literature. At least two quarters of ensemble experience are required and can be counted as part of the major.

For specific repertoire requirements in each course see the Applied Music Appendix of the Department of Music.

## **Philosophy**

The Department of Philosophy offers graduate work leading to the Master of Arts and Doctor of Philosophy degrees. Graduate courses in philosophy may be used also as a minor in programs leading to the Master of Arts or Master of Science in Education degrees. Students who do not plan to continue work in philosophy beyond the master's level are encouraged to elect a graduate minor or to combine philosophy with another subject in a 60-hour double major.

The department expects an applicant for admission to its graduate program to have had at least 24 hours' work in philosophy or closely related theoretical subjects, including at least one quarter in ethics, one in logic, and a year in the history of philosophy. The department may waive a portion of this credit requirement in favor of maturity and of quality and breadth of academic experience. The applicant will be required to make up serious background deficiencies by taking appropriate undergraduate philosophy courses without credit.

The Department of Philosophy requires the candidate for a master's degree to present a thesis, for which 9 hours of credit are allowed, and to complete a minimum of 39 additional hours of course work. He must pass

two examinations: a written examination covering the nature and proffered solutions to the persistent problems of philosophy as dealt with by major philosophers from Thales to the present and an oral examination devoted chiefly to the thesis. In the written examination emphasis will be placed on such classical figures as Plato, Aristotle, Descartes, Spinoza, and Kant, but the student will be expected to answer questions involving at least two recent philosophers, one of whom will be an American.

A reading knowledge of one foreign language, usually French or German, must be demonstrated by passing the Doctor of Philosophy proficiency examination in that language.

Applicants for the Doctor of Philosophy degree in philosophy should submit with their application forms scores for the Graduate Record Examination. The department may, where other evidence of competence seems so to warrant, accept a candidate upon the condition that he later submit acceptable scores.

At the time of his acceptance in the program the student will be assigned an advisory committee who will help him plan a program of study designed to prepare him for admission to candidacy. After the student has accumulated at least 36 hours of credit beyond the master's degree, and before he begins work on the dissertation, he must take a written preliminary examination on the thought of one major figure in the history of philosophy and in the following four areas: history of philosophy; logic, methodology, and philosophy of science; metaphysics and theory of knowledge; and value studies.

Before he is allowed to take the preliminary examination the student must have demonstrated reading proficiency in two foreign languages.

After he has passed his language examinations and the preliminary examination and has completed 48 hours of work beyond the master's degree, the student is admitted to candidacy and assigned a doctoral dissertation committee which will supervise the research and writing leading to the dissertation. After the dissertation has been accepted by the committee, the student is given an oral examination on the dissertation and related topics.

The department has available each year a number of assistantships for qualified graduate students. Applications for these assistantships should be sent to the department before February 15 of the academic year preceding that for which the application is made. An effort is made to give every candidate for the doctor's degree supervised experience in teaching elementary work in the field of philosophy.

### **Physical Education**

Graduate courses in physical education may be taken as a major or minor toward the Master of Science in Education degree or the Doctor of Philosophy degree in education. The number of hours required in physical education at the master's level is 32 for a major or 16 for a minor.

### *Master's Degree*

The departmental requirements for unconditional admission as a master's degree candidate are:

1. Fulfillment of the requirements for admission to the School of Graduate Studies and Research.



2. Presentation of at least the equivalent of an undergraduate minor (preferably a major) in physical education.

3. Presentation of at least one undergraduate course in kinesiology and at least one in educational psychology or psychology of the particular field of the student's specialty.

4. Possession of the ability to teach and demonstrate an acceptable variety of skills and techniques in physical education activity.

A student may be conditionally admitted to the program and may be permitted to do graduate course work while he removes deficiencies.

Requests for transfer of credits from other institutions will be considered only before admittance into this program.

### *Minor*

Students with a major in a related area may take a minor in physical education. This consists of 16 hours chosen from one of the areas of concentration in consultation with a physical education adviser.

### *Requirements*

The Department of Physical Education offers programs in several areas. Core courses common to all specialties are P.E. 500, 503, and either 504 or 599. The courses are designed to provide common experiences to all students regardless of their specialization.

### *Area of Specializations*

#### 1. The Experimental Physical Education Program

This program is intended to prepare students to enter advanced study and to perform scholarly research which emphasizes depth in a selected science. A student, in conference with his adviser, designs a program which satisfies his special interest.

#### 2. The Professional Physical Education Program

This program is designed to develop a high level of competency in teaching physical education in colleges, secondary, and elementary schools. The student, in conference with his adviser, designs a program which satisfies his special interest.

#### 3. The Applied Physical Education Program

The purpose of this program is to prepare coaches of athletic teams to (1) increase their knowledge of fundamental principles which are basic to the coaching and administration of athletics and (2) to develop a broad perspective of the role of athletics in the total educational environment.

### *Doctor of Philosophy Degree*

One may pursue a program of study leading to a Doctor of Philosophy degree in education through the functional area of curriculum and instruction.

The department qualifications for admission to advanced graduate study are:

1. Fulfillment of the requirements of the School of Graduate Studies and Research and the College of Education.

2. Presentation of professional course work equivalent to the University's undergraduate and master's programs in physical education.

A student may be permitted to start advanced graduate work while making up deficiencies.

Three years of full-time graduate study after obtaining a bachelor's degree or two years of full-time graduate study after a master's degree (or its equivalent) constitute the minimum requirement for the doctorate. The student and his adviser will determine a pattern of course work to equip the student in physical education and its allied fields, foundations of education, cultural courses outside the area of education, and for independent research.

The program of studies beyond the master's degree must contain a majority of course work at the 500 level or above, as well as a required departmental core of 12 hours. Included in his study are all general requirements of the functional area.

The procedure for beginning a program of study leading to a Doctor of Philosophy degree is as follows:

1. Submit an application for admission, with transcript or transcripts, to the School of Graduate Studies and Research.
2. Apply for admission to the Department of Physical Education as well as to the appropriate functional area.
3. If admitted, the coordinator of the functional area will arrange for proper counseling and programming in the field of specialization.

### Physics

Graduate work in physics may be taken leading to the Master of Arts and Master of Science degrees, and the Doctor of Philosophy in Molecular Science. Graduate courses in physics may also be taken as part of a physical sciences program toward the Master of Science in Education degree.

In addition to the general requirements of the School of Graduate Studies and Research, there are other specific requirements for the master's degree in physics as follows:

The following courses are specifically required for both M.A. and M.S. degrees: Physics 511 (or mathematics equivalent), Physics 510 (a and b only), and Physics 530.

#### *Master of Arts Degree*

This program is designed primarily for those entering the molecular science Ph.D. program. A reading knowledge is required in French, German, or Russian as demonstrated by passing one of the Educational Testing Service's Graduate Foreign Language Examinations, administered by the University Counseling and Testing Center once each quarter. The M.A. in physics will be granted on the basis of a research paper and a minimum of 33 quarter hours of course work at the 500 level. Each candidate for an M.A. degree is required to pass an examination, written, or oral, or both, covering all of his graduate work including the research paper. This examination is given by the student's advisory committee.

#### *Master of Science Degree*

This program is specifically designed for those who wish a professional degree and do not plan to continue beyond the master's level. A reading knowledge of a foreign language (French, German, Russian, or English) or demonstrated competence of computer skill is required. This requirement can be met by passing one of the Educational Testing Service's Graduate Foreign Language Examinations, administered by the University Counseling and Testing Center once each quarter, in the case of



language, or a similar examination administered by the graduate office for testing computer skill. Information on the latter may be obtained directly from the School of Graduate Studies and Research. A thesis is required, based upon not more than nine nor less than five quarter hours of 599 level effort. This may be included in the minimum 24 hour requirement of course work at the 500 level as stated in Chapter 1 of this catalog. This should be distributed, preferably, over several quarters of enrollment. Each candidate for an M.S. degree is required to pass an examination, written, or oral, or both, covering all of his graduate work including the thesis. This examination is given by the student's advisory committee.

The doctoral program is within a University-wide framework of molecular science with a core in theoretical and applied physics. See molecular science description for specific details. The physics program is a flexible one, designed to give the student a background in depth in the general principles and techniques of modern physical theory and at the same time to satisfy his individual interests and needs. Properly qualified graduate students from the areas of the physical sciences, life sciences, engineering and mathematics are invited to apply for advanced study where the student's interests may be interdisciplinary with physics; e.g., biophysics, chemical physics, geophysics, materials science, and mathematical physics. One research emphasis in the department is in the general field of molecular physics; dissertation topics in this field include studies of motional, structural, electrical and magnetic properties encountered in liquid, surface and large molecule physics. Theoretical research in such areas as electromagnetic theory, thermodynamics, statistical and quantum mechanics is being tempered to a considerable degree by the directions taken in the experimental aspects of the molecular science program.

### **Physiology**

Graduate courses in physiology may be taken leading to the Master of Arts, Master of Science in Education and Doctor of Philosophy degrees. Graduate courses in physiology also may contribute to a major in biological sciences toward the Master of Science degree, and to one in biological sciences in education toward the Master of Science in Education degree.

The Graduate Record Examination must be taken before admission to the graduate program for doctoral students, and it is prerequisite to graduation for master's students.

The graduate prerequisites at the master's level include the equivalent of an undergraduate major in biological sciences plus inorganic, analytic, and organic chemistry and a minimum of one full year each of physics and mathematics. Qualified students are also encouraged if they have had training in chemistry, physics, mathematics, psychology, or engineering.

For a master's degree in physiology, a student must ordinarily work a minimum of 48 hours, or two years, demonstrate competence in one foreign language, and present an acceptable thesis based upon original investigation. Equivalent work completed elsewhere can be accepted in part.

Courses should be elected from other departments such that a major of about 32 hours and a minor of about 16 hours are attained. Because of the importance of biochemical and biophysical knowledge to physiology,

students are urged to select their minors in those areas. Other biological sciences may also be acceptable, after consultation with the chairman of the department. A minor is not essential to graduation.

Training is provided in cellular, comparative, and mammalian physiology. Training is also available in human anatomy, electron microscopy, and biophysics. Entering students are urged first to obtain a basic knowledge of the whole field and then to specialize after being advised by the chairman of the department or departmental graduate adviser.

Students entering the doctoral program should ordinarily have at least the same prerequisites as those entering a master's program, except that courses in calculus and physical chemistry are highly recommended. Students with prior major concentrations in chemistry, physics, or engineering, but little training in biological sciences, are equally eligible for admission to the program.

A competence in two of the prevailing research tools plus a written qualifying examination are necessary for admission to doctoral candidacy. The program is formulated upon entrance in consultation with the department chairman or his designated adviser. The dissertation adviser and advisory committee guide the student and periodically evaluate the program thereafter.

The total program must be provisionally formulated upon entrance, and evaluated periodically thereafter, in consultation with the chairman of the department or the major adviser.

Three years of full-time graduate study after obtaining the bachelor's degree, or two years after the master's degree (or its equivalent) usually constitute the minimum requirements for the doctorate. A dissertation is required and also a final oral examination.

### **Plant Industries**

The department offers the Master of Science degree with specialization in the areas of Crop Science, Soil Science, and Horticultural Science. Requirements for admission are the same as for the School of Graduate Studies and Research, but students with a bachelor's degree in other fields will be required to meet the department's undergraduate requirements.

The Master of Science degree requires a minimum of 48 quarter hours. There is no foreign language requirement. A thesis is ordinarily required, but a student may elect a nonthesis option with the approval of his committee.

It is customary to require supporting courses in botany, microbiology, chemistry, statistics, and other areas essential to a problem in the student's chosen field and to prepare him for acceptance for the Doctor of Philosophy degree if he has that potential. Once the general field has been selected, the research and thesis may be completed in any one of the many divisions of that field. In horticulture, for example, the research and thesis may be in vegetables, tree-fruits, small-fruits, ornamental plants, or turf management; in soils, the problem may relate to fertility, soil physics, soil microbiology, soil chemistry, or soil and water conservation; in field crops, the problem may be directed toward crop production and management, weeds and pest control, or plant breeding and genetics. Often two of these more restricted areas can be combined in one problem. A final oral examination is required covering both the student's course work and his thesis problem.



For additional information about the program or graduate assistantships in the department; contact the department's graduate adviser, Room 176, Agriculture Building.

## **Psychology**

The Department of Psychology offers graduate work leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees in the following areas: general-experimental psychology, counseling and clinical, and industrial psychology. The primary emphasis is on doctoral training, for which the master's degree is a prerequisite.

In addition to academic requirements, doctoral students in the clinical and counseling areas must complete the equivalent of a full-time academic year of internship in an agency approved by the department.

Separate application forms for both the Department of Psychology and the School of Graduate Studies and Research must be submitted. Students will be accepted for graduate work in psychology only upon approval by the departmental admissions committee as well as the graduate school office. Departmental application forms may be obtained from the chairman, Department of Psychology. Graduate school application forms may be obtained from the School of Graduate Studies and Research.

It is apparent that psychologists are faced with demands to deal with an ever-increasing range of problems, basic as well as applied. As a consequence, the goal of graduate study at Southern Illinois University is to develop psychologists who will have a broad perspective and scientific sophistication, as well as the requisite skills to advance the field of psychology and meet changing needs. To accomplish this aim, a program composed of four integral parts has been developed: the core curriculum, specialization, research and practicum opportunities, and training assignments.

### *Core Curriculum*

The core curriculum is designed to give systematic work in both the theoretical and substantive material of general psychology, and yet to allow for flexibility in individual program planning. During the first year all students are required to take a three course sequence in quantitative methods and research design. In addition, by the end of the second year, through a series of elective options six additional courses in areas other than the major are required to provide breadth as well as some degree of depth in the total field of psychology.

### *Areas of Specialization*

#### **GENERAL-EXPERIMENTAL PSYCHOLOGY**

The general-experimental program is planned for the student who wishes to have a broad academic course of advanced study in psychology together with intensive specialization in one area of experimental psychology. It is primarily intended for students working towards careers in teaching and research. While considerable flexibility is permitted so that the student may select courses from several areas, he is expected to concentrate in at least one area of general-experimental psychology: learning, sensory processes, social, developmental, physiological, personality, or quantitative. The following courses are required: 510, 526, and 509. In

addition, the student is required to take research credit during all but the first three quarters of residence.

#### CLINICAL PSYCHOLOGY

The clinical psychology program, approved by the Education and Training Board of the American Psychological Association, provides training such that the student may prepare for a career in clinical activities, research, or teaching. Students are expected to have experience in at least two of these activities by graduation. Two types of programs are available: (a) general clinical in which 39–41 hours are required for a major (530, 537, 541, 531, 543a and b, 593e–9, 595 (all but first quarter of residence), 598 and electives; and (b) experimental clinical for those who plan careers primarily in research in which 39–41 hours are required for the major (530, 537, 541, 531, 523, 593e–3, 509, 595 (all but first quarter of residence), 598 and electives.

#### COUNSELING PSYCHOLOGY

The counseling psychology program, approved by the Education and Training Board of the American Psychological Association, is designed to prepare students for college and university positions, hospital positions, or positions in social agencies. Students are expected to develop competencies in research and teaching as well as in counseling and other psychological services. The required courses are: 523, 530, 536, 537, 541, 547, 593f–9, and 598. In addition, the following electives are recommended: 531, 538, 539, and 543.

#### INDUSTRIAL PSYCHOLOGY

The industrial program is designed to provide the student with an opportunity to acquire the basic skills and information necessary to do applied and theoretical research in a wide variety of work settings. Students must take courses designed to provide depth in the classical areas of industrial psychology; with special emphasis on experimental design, multivariate analysis, and applied experimental methods. In addition, the program provides breadth in sampling of advanced courses from different areas. Required courses are 581, 576, 524, 525, 526, 593h (1–6), 571, 572, 573, 574, 595. One minor may be taken outside of the department if it is considered by the industrial committee to be a valuable adjunct to the student's program.

#### *Research and Practicum*

Because of our commitment to the importance of broadening the scientific base of psychology and to the development of skills in the application or teaching of psychological principles, a variety of research and practicum experiences is considered an integral part of the student's training. Therefore, with the exception of the first quarter, the student is expected to participate in research or practicum each quarter of residence.

Research may be of the student's own design or may be in conjunction with various studies being conducted by staff members. Research competence in original individual research is required of all students in either case.

#### *Training Assignments*

As a vital part of our graduate training program, each student must be engaged in a training assignment each term. These assignments vary

according to the needs and professional aspirations of the student. They are designed to supplement the formal course work by a variety of pre-professional activities such as assisting in research, teaching, etc., under staff supervision. The training assignment increases in responsibility as the student progresses. The amount of time required of the student varies from 10 to 20 hours a week, depending upon his level of progress, the type of assignment, etc. The purpose of these assignments is to expose the student to some of the types of activities that he will ultimately be engaged in after he receives his degree.

### **Recreation and Outdoor Education**

The Department of Recreation offers a broad interdisciplinary, inter-departmental program of study leading to the Master of Science in Education degree. The curriculum is designed to prepare professional leadership for the supervision, management and administration of recreation wherever it is needed.

All students admitted to the Master's program are expected to complete: 1) The core of professional courses: Recreation 500, 520, 530, 540, 570, Education Administration and Foundations 500, Sociology 487, and Marketing 440; 2) Sixteen quarter hours in their chosen option; and 3) A thesis, or internship of one year and a research paper.

#### *Community Recreation Management*

The greatest need for recreation leadership is in the local community. It is here that recreation under governmental, voluntary, industrial, educational, religious, and private auspices takes its roots. This area of specialization prepares the student for administrative and supervisory positions in municipal recreation and park commissions, park districts, public schools, private agencies, military and industrial complexes, and student unions.

#### *Recreation for Special Populations*

Organized recreation programs for special groups are becoming increasingly important to hospitals, nursing homes, schools for the retarded, golden age clubs, prisons, and other institutions. Community recreation departments are offering programs for special populations for those who remain in the community.

#### *Commercial Recreation Management*

Commercial recreation is mushrooming throughout the country, bringing an unprecedented demand for leadership in the management of such establishments as resorts, country clubs, marinas, tourist attractions, and public and private assembly facilities such as convention halls, civic and community centers, auditoriums, and arenas.

#### *Outdoor Recreation Management*

There is an increasing need for professional recreation personnel who can manage and administer recreation activities and programs under natural conditions. Camp executives, counselors, conservationists, naturalists, and leaders are needed for an increasing number of programs related to outdoor recreation. Students interested in Outdoor Recreation Resource Management should contact the Forestry Department for admission requirements and further information regarding this program.



### **Rehabilitation**

In response to pressing human and social needs, the applied field of rehabilitation has solidly entrenched itself as a professional discipline over the past twenty years. Multidisciplinary courses of study have been drawn together from the behavioral, social, and medical sciences appropriate to the development of competent practitioners and programmers in rehabilitation and welfare agencies. The overall program is left purposely broad and flexible to permit the inclusion of training innovations and emerging career patterns.

The Rehabilitation Institute offers graduate programs leading to a Master of Arts or a Master of Science degree in behavior modification and rehabilitation counseling. Each degree requires a minimum of 72 quarter hours of course work and field experience. The distinction between the awarding of M.A. and M.S. Degrees in these programs will be made on the basis of demonstrable research performance. The M.S. Degree students will concentrate primarily on preparation for entry into the helping, professional fields, and ordinarily they will complete a project or research paper in their area of specialization. The M.A. Degree will be awarded only when a student elects to accomplish a research project of an experimental nature involving demonstration of the abilities to formulate research questions, appropriately manipulate experimental variables, and formalize an analysis of data so obtained. An M.S. degree in rehabilitation administration may be obtained by the successful completion of a minimum of 48 credit hours of course work and field experience.

These concentrations are sufficiently open to permit a student to emphasize work with a particular population such as the emotionally disturbed, correctional wards, mentally retarded, physically handicapped, economically deprived, or others. The graduate may work in such settings as state-federal vocational rehabilitation programs, clinics, hospitals, workshops, correctional centers, youth camps, or employment service offices. Some degree programs also require the completion of a three- to six-month internship in an approved agency or institution.

Application forms for both the School of Graduate Studies and Research and the Rehabilitation Institute must be separately submitted. Forms for the former may be obtained from the School of Graduate Studies and Research, and institute forms may be obtained from the director, Rehabilitation Institute. Acceptance in the program is contingent on the final approval of the admissions committee of the Rehabilitation Institute after processing by the School of Graduate Studies and Research.

### *Rehabilitation Counseling*

This is a six-quarter (72 hours of credit) graduate program leading to either the Master of Arts or Master of Science degree. The trained professional counselor must demonstrate competence in establishing a counseling relationship, case evaluation, assessment procedures, program planning and coordination, and vocational placement, as well as have an awareness of professional and community resources that can be utilized in the rehabilitation process. Required courses: 480, 511, 519, 532, 541, 551, 556, and 561. The student will also be given quarterly field work assignments (585c) and must complete a full quarter internship in a rehabilitation



setting. Completion of a terminal project, research paper, or experimental research project is required depending on the degree selected by the student.

There is sufficient flexibility in the curriculum so that special interests and needs of students can be pursued by careful selection of electives. Some suggested electives include personality dynamics, social psychology, community development, group processes, educational psychology, economic deprivation, and processes in social work. A special plan of study and field experience is available for students emphasizing rehabilitation in the area of crime and corrections or the mentally retarded. Comprehensive examinations are satisfied through oral examination by the student's advisory committee.

### *Behavior Modification*

The behavior modification major is designed to train students in the application and evaluation of techniques which have demonstrable utility in the modification and development of human behavior. Empirical principles derived from functionally established relationships in human behavior are translated into practical technological tools.

Within this framework, students may specialize in environmental programming and direct service with such broad groups as the mentally retarded, mentally disordered, slow learners and problem children, and in specific problem areas such as incentive programs for job training, learning disabilities, stuttering, cigarette smoking, sexual behavior, and language development.

Candidates in the behavior modification program elect to pursue either the M.A. or M.S. degree, and depending on the degree selected complete as a terminal requirement a project, research paper, or experimental research project. Both degree programs require the completion of 72 credit hours combined from substantive, laboratory, and practical experience areas. Course programs are tailored to fit the needs and interests of individual students. Most students will enroll in a first-year course sequence which includes Rehabilitation 485, 520, 526, 533, 535, and 563. Further course work may include substantive areas such as sexual behavior, child behavior, programmed instruction, and electives from other departments. All students participate in a one-quarter full-time internship at an affiliated training center. Comprehensive examinations are satisfied through oral examination by the student's advisory committee.

### *Rehabilitation Administration*

The design of this major is to prepare generalists to serve as administrators, coordinators, supervisors, and programmers in such rehabilitation settings as workshops, clinics, special schools, youth centers, and state agencies. Requirements for the M.S. degree are a minimum of 48 quarter hours of course work and field experience, at least one quarter of full-time internship and a research paper. The internship may be waived for the candidate who already has a wide range of experiences in rehabilitation or welfare agencies.

Candidates will develop competencies in program planning and development, organization and administration of service/training units, and in staff development and supervision. Specific course requirements are Rehabilitation 480, 501, 551, 556, 561, and 585a. Select courses in the Departments of Management and Marketing are also strongly recommended.

Comprehensive examinations are satisfied through oral examination by the student's advisory committee.

### **Secondary Education**

The Department of Secondary Education offers programs leading to the Master of Science in Education degree and the Sixth-Year Specialist's Certificate. In addition, the department offers courses that are applicable to the Doctor of Philosophy degree in curriculum and instruction.

The master's degree in secondary education is planned jointly by the Department of Secondary Education and the department of the student's teaching field. Required for unconditional admission to the master's program are a 3.7 overall undergraduate average, the successful completion of at least eight quarter hours of student teaching, enough professional education hours to meet requirements for a secondary school teaching certificate, and a major in the teaching field. A program of 48 quarter hours will be planned to include a research requirement and at least two graduate level courses in Secondary Education. The student will take 24 to 32 hours of graduate work in his teaching field and 16 to 24 hours of graduate work in education. During the period the student is taking his last twelve hours of work, a comprehensive oral or written examination will be administered by the department.

The department offers a Sixth-Year Specialist program for experienced teachers and other personnel in the secondary school. The specialist program is regarded as terminal in nature and not as a step toward the doctorate. Applicants for admission to the Sixth-Year Specialist program should possess a master's degree, or its equivalent, two years of successful teaching experience, and an acceptable score on the Cooperative English test. To obtain the Sixth-Year Certificate the student must complete 96 hours of graduate work beyond the bachelor's degree. At least half of the minimum hours required shall be in secondary education and supporting professional areas. Forty hours of the 96 shall be from disciplines outside of education. A field study or internship is a required part of the program.

Secondary education participates in the doctoral program in education in the functional area of curriculum and instruction. Students interested in secondary education may pursue an equivalent of a major concentration within the area program. For additional information on the Ph.D. see the preceding section entitled Education. Inquiries regarding the Ph.D. with emphasis in secondary education should be addressed to the coordinator of the area of curriculum and instruction in the College of Education.

### **Secretarial and Business Education**

#### *General Information*

Graduate courses in secretarial and business teacher education may be taken as a major or minor in the Department of Secretarial and Business Education leading to the Master of Science in Education degree.

The graduate program is planned for those students who have an adequate subject-matter background in at least one of the following business teaching areas: (1) secretarial, (2) general business or consumer education, (3) bookkeeping and accounting, (4) distributive education, or (5) data processing. Deficiencies in background, if any, must be eliminated by taking appropriate courses.



### *Master's Degree*

The program is aimed at upgrading and making more proficient those individuals who have already met or surpassed the minimum requirements for teaching business subjects in the high school, junior college, or other type of educational institution offering business education curricula.

The major in business teacher education consists of a minimum of 48 quarter hours of course work distributed as follows:

1. Eighteen or more hours in business teacher education courses, such as: improvement of instruction in the secretarial subjects, teaching consumer education, principles and problems of business education, research in business education, and organization and administration of cooperative vocational business education. Twenty-two different courses in this area are available.

2. Twelve or more hours in business administration, office administration, and economics courses offered by the following departments of the School of Business: Accounting, Economics, Finance, Management, Marketing, and Secretarial and Business Education.

3. Twelve or more hours in courses offered by the various departments of the College of Education.

4. Six or fewer hours of electives in any field.

Each student's program is tailored to meet his particular needs and interests.

In keeping with the general requirements of the School of Graduate Studies and Research, each student is required to conduct an investigation and write a research report. Those who have special interest and ability in research or who expect to go on to advanced graduate study are encouraged to write a thesis.

The passing of a final written examination is required at the end of the program.

**Sixth-year Specialist's and Ph.D. Programs:** Two advanced graduate programs for business teachers who hold the master's degree or its equivalent, each providing for a concentration of study in business education, are offered. They are the specialist's program in secondary education and the doctoral program in the functional areas of curriculum and instruction. Both programs are operated under the jurisdiction and within the organization of the School of Graduate Studies and Research and the College of Education.

### **Sociology**

The Department of Sociology offers programs of graduate study leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. The Department ordinarily requires a grade point average of at least 4.0 for admission to the Master's degree programs and a minimum grade point average of 4.5 for admission to the Doctor of Philosophy degree program. Graduate Record Examination scores on both the aptitude and the advanced (sociology) sections must be submitted with the application for admission.

Requirements for the Master of Arts and the Master of Science degrees are the same, with the exception that a foreign language is required for the Master of Arts degree. A minimum of 48 course hours is required for the Master's degree. There are no specific course requirements, but the

student must pass a comprehensive written examination covering major areas of the discipline. A thesis or a research paper is required to complete requirements for the degree. In addition, a special program in sociology and corrections, leading to the Master's degree in sociology, is offered in cooperation with the Center for the Study of Crime, Delinquency, and Corrections.

Several areas of major or minor concentration are provided for advanced work beyond the general master's program. These are: theory-methodology; social disorganization, deviance, and control; social organization; social psychology; sociology of the family. There are no minimum course hour requirements, specific course requirements, or research tool requirements for the Doctor of Philosophy degree. A diagnostic examination is given in the Fall and Spring quarters, and students are required to take this examination the first time it is offered following their entrance into the Doctor of Philosophy program. To attain the status of candidate for the Doctor of Philosophy degree, the student must pass a comprehensive written examination in two major (one in theory-methodology) and two minor areas. A dissertation is required to complete requirements for the degree. After approval of the dissertation by the candidate's dissertation committee, an oral examination, primarily on the content and implications of the dissertation, is scheduled and conducted by the committee in open meeting.

Applicants for admission to graduate study in sociology should apply in writing to the chairman of the department. Detailed statements of departmental requirements for the Master of Arts and the Doctor of Philosophy degrees are available upon request. Additional information on programs may be obtained from the departmental director of graduate studies.

### **Special Education**

Several programs leading to a Master of Science in Education degree are offered by the Department of Special Education. Courses which lead to certification as a teacher of exceptional children may be included in the master's degree program. This training is specifically designed for individuals who have had successful teaching experience in regular classrooms and who wish to qualify as teachers of mentally retarded, emotionally disturbed, or acoustically handicapped children.

For persons holding certification in some area of teaching exceptional children, a program designed to meet the requirements for special education administrative positions is offered. This is a program which is flexible enough to meet the needs of persons with a background in any one of a variety of special education areas.

A Sixth-Year Specialist's certificate program in special education with emphasis on one or more areas, including special education supervision, is available.

Finally, building on the core requirements of the functional areas of educational psychology, administration and social and philosophical foundations, and curriculum and instruction, a Doctor of Philosophy degree in education with an emphasis in special education is offered. This program has its base in the requirements indicated in the respective functional area. Specific course requirements for the emphasis in special education include extensive seminar experiences in the study of all types of exceptional children.



A number of graduate fellowships, one both at the master's and doctoral level, under Public Law 91-230 are available to qualified persons seeking careers in special education through study in this department.

## Speech

Courses are offered in speech leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. The Master of Arts and the Master of Science degrees are offered with specialization in public address, interpretation, and general speech. Courses in speech may be taken as a part of the program leading to the Master of Science in Education degree.

### *Master's Degree Programs*

The student should submit the equivalent of an undergraduate major in speech in order to be admitted unconditionally as a full-time graduate student for the master's degree.

The program of course work leading to the master's degree includes Speech 532 and a seminar in the area of emphasis. A total of 48 hours is required for the degree. Competence in one foreign language is required for the Master of Arts degree.

The research requirement for the master's degree may be met by either of the following plans:

#### *Plan 1*

1. Submit a thesis demonstrating ability to do research on a topic approved by the graduate committee of the Department of Speech.
2. Take a minimum of 39 hours of course work.
3. Pass an oral examination over the thesis and course work.

#### *Plan 2*

1. Submit a research paper as evidence of a knowledge of formal research techniques, a copy of which will be submitted to the Graduate School for its permanent records.

2. Take a minimum of 48 hours of course work.

3. Take a comprehensive written examination over the course work taken for the degree.

The student will be given a choice as to which of the above plans he wishes to take; however, the graduate committee of the Department of Speech will make the final determination as to which requirement the student must meet.

### *Doctor of Philosophy Degree*

Each student shall demonstrate competence in at least two of five areas: interpersonal communication, interpretation, rhetoric and public address, speech education, and theater. Special competence is to be demonstrated in one of the two chosen areas. The student's academic adviser shall be from the area of the student's special interest. The student, after consultation with his adviser and a professor from the second area, will formulate the program he intends to pursue prior to taking the preliminary examination. The program should include at least 32 hours in the special area of competence and 16 hours in the second area of competence. Course work in the Departments of Speech and Theater but outside his two areas of

competence may be included where it seems appropriate. Course work outside the departments may also be included in this program. However, the proposed program must meet the School of Graduate Studies and Research requirements for residence, and shall exclude course work designed to meet the research tool requirement. Any change in the program must have prior approval of the student's advisers. After completing 24 quarter hours of his program each student shall be examined by a review committee made up of the doctoral graduate faculty. This committee will recommend continuation, change or termination of the program. The adviser for each student shall be responsible for assembling the necessary information (grades, recommendations, progress in tool requirements, etc.) for consideration in reaching the above decision.

Before admission to candidacy the student must demonstrate competence in one research tool. This shall embody skills needed in understanding materials in the field, or in the conduct of research for the dissertation, or in continuing research contributions in his field of specialization. Competence may be achieved in a language, statistics, computer programming, or in another area as determined by a committee made up of one professor from each area of emphasis. Proficiency will be determined for language and computer programming, and in some cases in statistics, through examinations. Twelve hours of work in statistics with a grade of *B* or better shall be considered a demonstration of proficiency in statistics. In some cases, a student may satisfy the research tool requirement through the completion of twelve hours of additional course work outside the Department of Speech, the courses to be determined after the student has selected his research area. A grade of *B* or better will be required in these courses. It is evident that in certain research projects, requirements beyond the foregoing might be clearly indicated, and if so the student's adviser will specify.

### **Speech Pathology and Audiology**

The Department of Speech Pathology and Audiology has as its objective the training of personnel for communication science research, for college and university teaching, and for the diagnosis and treatment of persons with speech and hearing impairments. Course work leads to certification as a speech pathologist or audiologist in public schools and rehabilitation centers by meeting certification requirements of the American Speech and Hearing Association. Its program in clinical training is approved and registered with the Education and Training Board of the American Board of Examiners in Speech Pathology.

Professional experiences for graduate students are provided in the following settings: the University's Clinical Center; a summer residential camping program for persons with organic speech problems, in cooperation with the University of Illinois Division of Services for Crippled Children; the V.A. Hospital in Marion; A. L. Bowen Center for Retarded Children; and the Anna State Hospital. Cooperative programming is maintained with other public and private agencies such as the Division of Vocational Rehabilitation, the Easter Seal Society, and the National Association of Speech and Hearing Agencies. Students participate in traveling speech and hearing clinics which serve schools and communities through the media of surveys, diagnostic examinations, and therapy. The department has available R.S.A. traineeships, Office of Education fel-



lowships, N.D.E.A. fellowships for support of graduate education in addition to graduate and research assistantships. Students can also apply for the special doctoral assistantships and graduate fellowships available from the School of Graduate Studies and Research through the department.

Specialized experiences with orthodontists, prosthodontists, plastic surgeons, otologists, and others of the medical and dental professions are available in the St. Louis and Chicago areas. Emphasis is on the interdisciplinary relationships with other professions throughout the training process.

The department maintains active research facilities which provide laboratories and specialized equipment for the study of both the normal and impaired functions of the speech and hearing processes and their relationship to language formulation. The speech science laboratory is equipped for electromyographic study of the speech musculature, radio telemetry, electrophysiology of hearing, and spectrographic analysis of speech signals. The experimental audiology laboratory, which includes an anechoic chamber, is equipped for investigation in air and bone conduction sensitivity, localization, and speech discrimination. It also has facilities for automatic audiometry, PGSR, middle ear impedance, and aural reflex experimentation. Facilities are also available for the use of palmar sweat measurements as a physiological index of emotion, for the study of pathoanatomy and pathophysiology of cleft lip and cleft palate through roentgenocephalometrics and cinefluoroscopy, and for the experimental analysis of behavior and behavior modification.

Graduate courses in the Department of Speech Pathology and Audiology may be taken for a major leading to the Master of Science and Doctor of Philosophy degrees.

G.R.E. aptitude test scores should be submitted to the department. They are not mandatory for admission, however, and may be submitted shortly after admission, usually within the first quarter of residence.

Additional information regarding financial aid, programs, and application procedures can be secured by writing to the chairman, Department of Speech Pathology and Audiology, Southern Illinois University, Carbondale, Illinois, 62901.

### *Master's Degree*

The master's degree requires a minimum of 48 hours of acceptable graduate credit (4.0 average) at least 24 quarter hours of which are of the 500 level, and the completion of an approved thesis or research paper. Specific course requirements and total number of hours are determined by advisement after consultation with the graduate student. A comprehensive examination over course work may be given by the faculty three quarters after the beginning of full time work for purposes of advisement and assessment of student's academic status.

It is recommended that the Master's degree culminate in the academic and practicum requirements for the Certificate of Clinical Competence in Speech Pathology or Audiology as designated by the American Speech and Hearing Association.

A candidate for the master's degree has two options: to write a thesis, or a research paper. The thesis may be counted for not more than 9 nor less than 5 quarter hours of credit. A research paper should show evidence of the student's knowledge of research techniques and should be based

on a special project or specific courses as may be recommended by the adviser. All students intending to pursue doctoral studies are encouraged to write a thesis. If the student plans to continue at Southern Illinois University, it is mandatory.

### *Doctor of Philosophy Degree*

The student, after consultation with his academic adviser, is expected to propose to the graduate faculty of the department the academic program he intends to pursue prior to taking the preliminary examination for admission to candidacy. The proposed program must meet the School of Graduate Studies and Research requirements for residence, and shall exclude course work designed to meet the research tool requirement. The program must also include a cognate area which will assure a meaningful competence in subject matter outside the student's major department. Graduate faculty approval of the proposal signifies an agreement between the student and the department.

After satisfactory completion of the above, the student may request the preliminary examination. The preliminary examination shall be written and administered by no fewer than 5 graduate faculty members representing the student's specialization, cognate, and research interests. Should the student fail the first examination, he may, with faculty approval, repeat the examination once within a 12-month period.

After successful completion of the approved academic program, research tool, and the preliminary examination, the student will be admitted to candidacy for the degree. The candidate must then complete a dissertation showing that he is capable of independent research.

The final examination shall be oral and cover the subject of the candidate's dissertation and related academic and professional matters.

### *Research tool*

a. The research tool shall replace neither a required nor a prerequisite element of the student's proposed academic program and must be completed before the student will be permitted to take the preliminary examination for admission to candidacy.

b. The student must demonstrate an ability to deal with descriptive and inferential statistics and research design techniques. Ordinarily this will be accomplished by completing a three-course sequence (12 quarter hours) in statistics, such as the sequence available in the Department of Guidance and Educational Psychology. Competency will be demonstrated by achieving a *B* average in the course sequence, or by proficiency. The sequence should be considered to be outside of any specific degree requirement.

### **Technical and Industrial Education**

Students may pursue the Master of Science in Education degree—48 quarter hours of course work or the Master of Science degree with a major in Technical and Industrial Education—48 quarter hours, including 5 to 9 hours of thesis.

Programs of study are developed by the student and his adviser depending upon deficiencies, interests, and career goals. Programs are flexible, and course work may be done in other units of the University. The student is advised to prepare for one major area of concentration



and one minor professional area. Some of these areas are: teacher of industrial arts (called Enterprise: Man and Technology), of trades and industries, of technical teaching, or of health occupations; coordinator of cooperative occupational education programs; and supervisor, director, or administrator of secondary, area vocational, community junior college, or other vocational-technical or occupational educational programs.

Students with a bachelor's degree in science, technology, or engineering may qualify for advanced study which may involve technical subjects, study in work situations and educational institutions, and internship in teaching or other professional assignments.

Students may pursue the Doctor of Philosophy Degree in education under the functional area of curriculum and instruction with advanced course work in technical and industrial education as determined by their program committee.

One-half or one-quarter time instructorships, teaching or research assistantships, and fellowships are available for qualified applicants. Additional information about programs, courses, instructorships, assistantships, and fellowships may be obtained from the chairman of Technical and Industrial Education.

### **Theater**

The Department of Theater offers courses leading to the Master of Arts and Master of Science degrees and to the Doctor of Philosophy degree in speech with a concentration in theater.

Candidates for the master's degrees must complete 48 hours of graduate credit; the Master of Arts candidate must demonstrate competence in a foreign language. Each candidate for the master's degree will produce a thesis or its equivalent (creative work in play direction, costume or scene design, or playwriting). The chairman appoints a director for each candidate's program. The Doctor of Philosophy degree program in speech with a specialization in theater is open to students holding a master's degree. Doctor of Philosophy degree candidates are required (1) to complete a minimum of 32 hours in theater and 16 hours in speech; and (2) to complete a theater dissertation. Qualified candidates may offer a creative equivalent in producing, playwriting, or design, under the supervision of an advisory committee. Candidates for the Doctor of Philosophy degree with a major concentration in theater must demonstrate competence in one research tool (refer to speech for description) relevant to skills needed for understanding materials in the field, or in the conduct of research for the dissertation, or in continuing research contributions in the field of specialization. Competence may be achieved in a language, statistics, computer programming, or in another area as determined by a committee composed of one professor from each area of emphasis. Candidates must also satisfy the graduate staff that they are qualified for candidacy by passing a comprehensive preliminary examination. Graduate courses in theater may also be taken as a secondary concentration leading to the Doctor of Philosophy degree in speech.

Candidates for the Doctor of Philosophy degree who have a special interest in dramatic literature may earn the degree by substituting dramatic literature courses as offered in the Department of English for theater courses.

An undergraduate major in theater is not essential for admission to

candidacy for a graduate degree. A student with an undergraduate major in speech or English, for instance, may audit undergraduate courses in theater to make up any deficiencies.

Graduate students are urged to supplement their class work with practical experiences in acting and production. Membership in the Southern Players is open to graduate students, and they may also earn graduate credit as members of the Southern Touring Company and the Summer Stock Company.

### **Zoology**

Graduate work in zoology may be taken as a major or a minor toward the Master of Arts, Master of Science, and Doctor of Philosophy degrees and as a part of a program in biological sciences toward the Master of Science and the Master of Science in Education degrees.

Candidates for the Master of Science and Master of Arts degrees must have the consent of the department and at least 35 hours of undergraduate credit in zoology equivalent to 300, 317, 318a, and Biology 305, 307. Further required undergraduate work includes introductory college chemistry with laboratory (equivalent to Chemistry 121a,b) and one year of college mathematics including algebra and trigonometry (equivalent to Mathematics 111). Deficiencies in undergraduate preparation may be removed concurrently with graduate work.

Completion of work for the Master of Arts degree requires, in addition to the general requirements of the School of Graduate Studies and Research, a reading knowledge of one foreign language, calculus (equivalent to Mathematics 150), and an approved thesis. A minor outside the department is required.

The requirements for completion of the Master of Science degree are the same as for the Master of Arts with the following exceptions: (1) a reading knowledge of a foreign language is not required; (2) a research paper may be offered in lieu of a thesis; (3) introductory statistics (equivalent to Zoology 430a), rather than calculus, is required; and (4) the student must complete 54 quarter hours of formal courses, including 36 in zoology.

The doctoral degree at Southern Illinois University is a research oriented degree awarded for high accomplishment in a particular discipline or interdisciplinary area. Admission to the doctoral degree program in zoology ordinarily requires previous training in animal science. A good background in all life sciences, chemistry, mathematics, and physics is desirable. Each student's program of study is based upon the results of an advisory examination, the student's overall background, the requirements of the preliminary examination, and the proposed specialization. The student's adviser aids in the selection of a minor and establishes the program requirement. A dissertation demonstrating scholarly merit and the ability to perform independent research are required.

Areas of specialization possible within zoology include developmental biology, invertebrate zoology, systematics, wildlife management, ornithology, genetics, fish management, cytochemistry, ecology, parasitology, entomology, limnology, herpetology, vertebrate morphology, mammalogy, vertebrate paleontology, animal behavior, and endocrinology.

# 3 / Course Descriptions

Here are described all of the courses offered by the University on the Carbondale campus for graduate credit. Courses are listed numerically within each subject-matter area. Areas are listed below in the order of their appearance on the following pages.

Accounting	Finance	Mathematics
Agricultural Industries	Food and Nutrition	Microbiology
Animal Industries	Foreign Languages	Music
Anthropology	French	Philosophy
Applied Science	German	Physical Education
Art	Russian	Physics
Botany	Spanish	Physiology
Business Administration	Forestry	Plant Industries
Chemistry	Geography	Psychology
Child and Family	Geology	Recreation and Outdoor Education
Cinema and Photography	Government	Rehabilitation
Clothing and Textiles	Guidance and Educational Psychology	Secondary Education
Computer Science	Health Education	Secretarial and Business Education
Design	Higher Education	Sociology
Economics	History	Special Education
Educational Administration and Foundations	Home and Family	Speech
Elementary Education	Home Economics Education	Speech Pathology and Audiology
Engineering	Instructional Materials	Technical and Industrial Education
Engineering Technology	Interior Design	Theater
English	Journalism	Zoology
Family Economics and Management	Linguistics	
	Management	
	Marketing	

The first entry for each course is a three-digit numeral which serves to identify the course. Courses numbered 400-499 are open to both seniors and graduate students. Courses numbered above 499 are for graduate students only.

Following the course identification number is another number, which indicates the maximum credit allowed for the course. The maximum may vary, and specific quarter hours may be assigned for each quarter a course is given.

Following the course description there may be prerequisites which must be satisfied before a student is permitted to enroll.

To learn in which quarter a course is offered, the student should consult the Schedule of Classes published for both campuses by Central Publications, Southern Illinois University, Carbondale, Illinois 62901.

## Accounting

**410-4 Accounting Concepts.** Interpretation and critical analysis of reports, statements, and other accounting data from the viewpoint of users of financial information. Restricted to Master of Business Administration students.

**415-4 Electronic Data Processing in Business.** An introduction to computers and their uses in business applications; computer components, programming,



and analysis of business systems; exploration of effects of computers upon business organization and society. Prerequisite: 251c.

**442-4 Advanced Cost Accounting.** Managerial control and profit planning through capital budgeting, inventory planning, subject probabilities, statistical methods, and operations research; direct and relevant costing; nonmanufacturing costs; differential and comparative cost analysis. Prerequisite: 341.

**453-4 Advanced Accounting.** Advanced study of accounting principles and procedures relating to specialized topics, including partnership equity, installment and consignment sales, insurance, compound interest, and preparation and use of consolidated statements. Prerequisite: 351b.

**455-4 Accounting for Public Organizations.** Financial and managerial accounting concepts peculiar to the planning and administration of public and quasi-public organizations, such as governmental units, institutions, and charitable organizations. Includes the conventional budgetary-appropriation prices, as well as some of the more recent accounting developments related to public decision making. Prerequisite: 261.

**456-4 Auditing.** Objectives, standards, and procedures involved in examining and reporting on financial statements of business organizations. Prerequisite: 341 and 351b.

**458-4 Accounting Systems.** Accounting systems, design, and installation. Examination of existing systems and practice in systems design. Designing reports for management. Prerequisite: 341, 351b.

**459-4 Internship in Accounting.** Supervised work experience in professional accounting. Prerequisite: consent of department.

**461-4 C.P.A. and Advanced Accounting Problems.** A course using problems from the American Institute of Certified Public Accountants' examinations given in recent years and supplementary problems from selected sources. Prerequisite: 341 and 351b.

**475-4 Budgeting and Systems.** Study of concepts, methods, and tools used in the design of management information systems. Budget program is developed to identify problems in coordinating and controlling business activities. Prerequisite: 261.

### Agricultural Industries

**410-2 to 4 Problems in Agricultural Services.** Discussion, assignments, and special workshops on problems related to inservice training programs in the agriculturally related fields. Development of more effective programs in working with farm people. Prerequisite: graduate student in agricultural services or consent of instructor.

**411-3 Agricultural Extension.** A study of the history, organization, objectives, programs, and methods of agricultural extension work. Prerequisite: junior standing.

**412-4 Principles of Agricultural Mechanization.** Theory and use of remote controls, electric motors, survey kits, and other devices adaptable to the needs and interests of educators involved in agricultural mechanization laboratories. Prerequisite: Secondary Education 310.

**417-4 Agricultural Development in Emerging Countries.** Principles and practices in improving agriculture in areas with limited capital and low levels of technology. Special emphasis on developments in Asia, Africa, and South America. Prerequisites: 204 or GSB 211a.

**418-3 Marketing Practices and Problems in Developing Countries.** Types of markets, assembly of products, storage, transportation, quality determination, and pricing practices which are peculiar to the developing countries. Market organization and practices for the major export products and the principal domestic foods and fibers in such countries. Methods of progressively improving such markets. Prerequisite: 354 or Economics 215.

**450-4 Advanced Farm Management.** Methods of analyzing farm enterprises, comparing farm enterprises, comparing farm businesses, allocating farm resources, combinations of enterprises, and production factors. Field trip estimated cost \$5.00.

**456-11 (3,2,2,2,2) Agricultural Marketing Problems and Practices.** (a) Cooperatives. Development of the agricultural cooperative movement, agricultural cooperative organization, legal requirements, principles and practices of agricultural cooperative associations. (b) Livestock. Problems and their solutions in marketing livestock. (c) Field Crops. Problems and their solutions in marketing field crops. (d) Dairy and Poultry. Problems and their solutions



in marketing dairy and poultry products. (e) Horticultural Crops. Problems and their solutions in marketing horticultural crops. Field trip cost \$5. Prerequisite: 354.

**471-4 Land Resource Economics.** (Same as Forestry 471 and Economics 471.) The use of land as an economic variable in production of goods and services; land markets; group versus individual conflicts; elementary land resources planning techniques. Field trips cost about \$5. Prerequisite: GSB 211, Economic 215, or Forestry 215, or Forestry 470.

**473-4 Advanced Agricultural Power Systems.** Advanced treatment of engine mechanical and electrical analysis, and hydraulics and engine testing. Prerequisite: 373 or equivalent.

**478-4 Agricultural Materials Handling Systems.** Arrangement of feed handling, storage, and processing systems for agricultural products. Includes cleaning, sorting, and drying. Prerequisite: 215, 350, or equivalent.

**479-4 Animal Behavior.** (See Zoology 479.)

**482-3 Seminar-Research-Work Experience on International Agricultural Problems.** Weekly two-hour discussion period on methods by which foreign students can adapt information and training obtained in U.S. oriented courses to the solution of important agricultural problems in their home countries. Supplemented by work experience and research on the University farms, in laboratories, and in the library.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Technical and Industrial Education 485.)

**505-3 Agricultural Industries Research Methods.** Agricultural economics research methods with particular reference to types of research problems encountered, sources of data, problems in developing new data and methods of analysis. Prerequisite: consent of chairman.

**512-3 to 6 Agricultural Occupation Internship.** Prepares coordinators to fulfill their responsibilities in selected areas of agricultural related occupations through an internship in the area of specialization and through orientation to related technical information. Prerequisite: 312b or consent of chairman.

**520-1 to 6 Readings.** Contemporary books and periodicals on selected areas of the field.

**520b-1 to 6 Readings in Resource Economics.** (Same as Forestry 520b and Economics 502.) Directed reading in the field of natural resource economics.

**525-4 Cooperative Vocational-Technical Education.** (See Technical and Industrial Education 525.)

**530-4 Dairy Science.** Discussion and critical evaluation of research and research techniques used in dairy production research. Prerequisite: 430.

**550-4 Production Management.** A study of the principles of production economics upon which problems in agricultural production and resource use can be analyzed. Emphasis on principles applicable to the farm business and to farm policy, including concepts relating to the decision-making process and farm planning under perfect and imperfect knowledge and with limited resources. Prerequisites: 12 hours equivalent in economics, agricultural economics, and consent of instructor.

**552-2 Advanced Agricultural Prices.** Continuation of analysis of factors affecting agricultural prices; the application of these factors in price prediction. Prerequisite: 352.

**554-4 Advanced Agricultural Marketing.** Current complex problems in agricultural marketing and methods of developing solutions; cooperative activities. Prerequisite: 12 hours or equivalent in economics and agricultural economics.

**575-1 to 6 Research.** Directed research in selected areas of agricultural industries.

**581-1 to 6 Seminar.** Problems relating to various phases of the field of agricultural industries, such as farm management, marketing, prices, farm policy, land economics.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Animal Industries

**415-8 (4,4) Animal Nutrition.** (a) Physical and chemical properties of nutrients and their uses and principles involved in determination of nutrient requirements. (b) An integration of the basic facts concerning the nature of nutrients and their metabolism. Must be taken in a,b sequence. Prerequisites: 315 and organic chemistry or equivalent.

- 420-4 Commercial Poultry Production.** Broilers, layers, and turkeys as adapted to poultry specialty farms. Field trips. Prerequisite: 121.
- 421-3 Animal Production in Developing Countries.** World animal production, practices, and institutions which affect productivity. The adaptability of animals to serve mankind. Prerequisite: one year biological science.
- 430-4 Dairy Cattle Breeding and Management.** Application of principles of breeding, nutrition, physiology to the management of the dairy herd. Field trip required. Prerequisite: 332.
- 431-4 Reproductive Physiology of Domestic Animals.** Comparative physiology of reproduction in farm animals and the principles of artificial insemination. Prerequisite: 121 or one course in physiology.
- 432-3 Quantitative Inheritance of Farm Animals.** A review of the principles underlying the influence of mutation, selection, migration, and random drift in animal breeding population; estimation and interpretations of heritabilities and genetic correlations; effects of variances of quantitative traits of farm animals. Prerequisite: 332.
- 433-3 Dairy Cattle Nutrition.** Application of the latest knowledge of digestion and metabolism in ruminants, and their nutritional requirements to dairy herd feeding. Prerequisite: 315.
- 434-3 Physiology of Lactation.** Anatomy of the mammary gland, hormonal control of development and secretion, milk synthesis, physiology and mechanics of milking. Prerequisite: organic chemistry and physiology.
- 456b-2, 456d-2 Agricultural Marketing Problems and Practices.** (See Agricultural Industries 456.)
- 465-5 Swine Production.** Breed selection, breeding, feeding, management, and marketing of swine. Field trip. Prerequisites: 315, 322.
- 479-4 Animal Behavior.** (See Zoology 479.)
- 480-4 Sheep Production.** Breeding, feeding, and management of sheep. Field trip. Prerequisites: 315, 332, 431.
- 485-4 Beef Production.** Breeding, feeding, and management of beef and dual-purpose cattle. Field trip costs about \$3. Prerequisites: 315, 332, 341.
- 487-4 Commercial Livestock Feeding.** Principles and problems in fattening beef cattle and sheep for market. Prerequisites: 315, organic chemistry.
- 502-3 Surgical Research Techniques in Farm Animals.** Basic methods of experimental surgery and sampling of biological materials in research on farm animals. Practice of techniques discussed in the lectures. Prerequisite: consent of instructor.
- 505-8 (4,4) Research Methods in Agricultural Science.** (a) Experimental design and biometry as applied to agricultural research. (b) Instrumentation and analytical procedures as applied to agricultural research. Prerequisite: consent of instructor.
- 520-1 to 6 Readings in Animal Industries.** Readings in specialized fields under direction of approved graduate specialists.
- 525-4 Advanced Poultry Production.** Study and interpretation of the objectives, design, and results of research in poultry feeding, breeding, and management.
- 530-4 Advanced Dairy Production.** Study and interpretation of research in dairy farming, including buildings, herd management, quality milk production, and dairy marketing problems. Prerequisite: 430.
- 565-4 Advanced Swine Production.** Study and interpretation of research in swine feeding, breeding, housing, management and marketing problems. Prerequisite: 465.
- 575-1 to 6 Individual Research.** Investigation of a problem in animal science under the supervision of an approved graduate specialist.
- 579-4 Animal Behavior** (See Zoology 579.)
- 581-1 to 6 Seminar.** Problems relating to various phases of animal industries.
- 599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

### Anthropology

- 400-4 Man and Culture.** The nature of culture and cultural process. Relationships of culture and man as an individual and as a group. Emphasis on "the anthropological point of view." Prerequisite: 250 or equivalent.
- 401-4 Language in Culture.** Language as a part of culture. Linguistics and the study of culture. Prerequisite for undergraduates: 250 or equivalent.



**403-3 or 4 General Archaeology.** Theory and methodology. The basic concepts underlying anthropological interpretations of man's past. Prerequisite for undergraduates: 250 or equivalent.

**404-4 Primitive Art and Technology.** The development of man as an art-loving and tool-using being. Artistic and technological traditions of non-Western peoples, past and present. Prerequisite for undergraduates: 250 or equivalent.

**405-3 Social Anthropology.** A comparative approach to the organizational features of human groups. Functional aspects and distributions of kinship, political, religious, and economic systems. Prerequisite for undergraduates: 250 or equivalent.

**407-3 General Ethnology.** Ethnology as a major sub-field of anthropology, including interest in ethnohistorical studies as well as the more traditional aspects of the field. Prerequisite for undergraduates: 250 or equivalent.

**408-3 History of Anthropological Thought.** The growth of anthropology as an academic discipline to about 1940, with emphasis upon the concepts and ideas since 1860. Prerequisite for undergraduates: 250 or equivalent.

**409-3 Applied Anthropology.** The application of anthropological principles to the solution of problems of the modern world. Contributions of anthropology to the work of the educator, social worker, administrator, business man, government official, and other specialists dealing with man in Western and non-Western cultures. Prerequisite for undergraduates: 250 or equivalent.

**413-3 Introduction to General Linguistics.** A study of language theory, classification and change. Prerequisite for undergraduates: 250 or equivalent.

**415-3 Logic of the Social Sciences.** (Same as Philosophy 415). Logical and epistemological examination of the social studies as types of knowledge. Basic problems in philosophy of science with major emphasis upon social science: relationship of theory to fact, nature of induction, nature of causal law, testability, influence of value judgments, etc. Intended for students with considerable maturity in a social science or in philosophy.

**418-4 Languages of the World.** A description of typological and genetic (historical) relationships among languages of the world, with emphasis on comparative phonology and grammatical structure in time and space. Prerequisite for undergraduates: 250 or equivalent.

**430-3 Archaeology of North America.** An introduction to the methods of archaeology and a survey of prehistoric Indian cultures north of Mexico, with particular emphasis upon the cultures of the Mississippi Valley. Prerequisite for undergraduates: 250 or equivalent.

**441-3 Comparative Economics.** A comparative study of economic systems, with emphasis upon those found in primitive societies. Studies of systems which fall outside the conventional systems such as capitalism, socialism, and fascism. Prerequisite for undergraduates: 250 or equivalent.

**442-3 Comparative Folklore.** A comparative study of the role of folklore in various cultures of the world, with emphasis upon non-literate societies. Analysis of motifs, themes, and other elements; comparisons between non-literate and literate groups. Prerequisite for undergraduates: 250 or equivalent.

**443-3 Comparative Law.** Legal premises upon which societies are based; systems of the non-literate world; case studies of instances where these systems come into contact with those of literate, technologically advanced cultures. Prerequisite for undergraduates: 250 or equivalent.

**444-3 Comparative Religion.** Comparative study of religious systems, with emphasis upon those of non-literate societies. Examination of basic premises and elements of those belief systems normally excluded from discussions of the "Great Religions." Prerequisite for undergraduates: 250 or equivalent.

**465-6 (2,2,2) Museum Methods.** Practical experience and associated philosophical-educational context of museum methods in exhibition/display, processing, cataloging, preservation, etc. Prerequisite: junior standing.

**466-2 Museum Administration.** Problems and policies associated with museum administration, either as a specialist in large organizations or as general museologist when the director serves as a multi-purpose staff member. Prerequisite: junior standing.

**470-9 (3,3,3) Special Studies of World Languages.** Specific languages or language families with intensive studies of structure. Any one quarter concentrates on the language of a major geographical area. Prerequisite: 413 or English 400.

**471-6 (3,3) Ethnomusicology.** (Same as Music 471 except no prerequisite.)

**483-1 to 18 Individual Study in Anthropology.** Guided research upon anthropological problems. Students should consult the chairman before enrolling. Prerequisite: 250 or equivalent.

The following seminars will deal with areal and topical problems relevant to the title listed; they will vary in subject matter from year to year. Course schedules will indicate who is the instructor of a particular course. Consultation with the department will indicate the scope of a course.

- 510-3 to 9 Seminar in New World Archaeology.
- 511-3 to 9 Seminar in Mesoamerican Archaeology.
- 512-3 to 9 Seminar in Old World Archaeology.
- 520-3 to 9 Seminar in the Ethnology of the New World.
- 521-3 to 9 Seminar in the Ethnology of Mesoamerica.
- 522-3 to 9 Seminar in the Anthropology of Oceania.
- 523-3 to 9 Seminar in the Anthropology of Africa.
- 524-3 to 9 Seminar in the Anthropology of Europe.
- 535-3 to 9 Seminar in Physical Anthropology.
- 545-3 to 9 Seminar in Linguistics.
- 550-3 to 9 Seminar in the Cultures of Latin America. Topics such as the impact of European conquest and dominance upon the native peoples and cultures in Latin America, pre- and post-conquest manuscripts, assimilation of nonindigenous peoples, with the native cultures.
- 560-3 to 9 Seminar in Comparative Social Organization. Topics such as religion, political organization, social structure, economics, kinship.
- 562-3 to 9 Seminar in the Anthropology of Contemporary Peoples. Topics such as applied anthropology, peasant cultures, American culture and values.
- 565-3 to 9 Seminar in Cultural Change and Development. Topics such as the building of cultures, acculturation, the rise of civilization.
- 567-3 to 9 Seminar in Anthropological Theory and Method. The theory and method of archaeology, or ethnology or physical anthropology.
- 570-3 to 9 Seminar in Art and Technology. Topics such as the art of the early civilizations, the cultural background of art and technology, experimental problems of art, and technology.
- 575-3 to 9 Seminar in the Individual and Culture. Topics such as themes and values, culture personality, enculturation, education.
- 581-3 to 9 Seminar in Anthropology. Topics will be announced.
- 582-1 to 27 Problems in Archaeology. Guided research upon archaeological problems.
- 584-1 to 27 Problems in Cultural Anthropology. Guided research upon problems of ethnology, social anthropology, and linguistics.
- 585-1 to 27 Readings in Anthropology. Guided readings designed to cover special topics and to fill gaps in the student's specialized anthropological background.
- 595-6 (3,3) Field Methods in Ethnology. Includes anthropological methods of enquiry and documentation of culture and habitat together with appropriate instruction in the techniques of field work, such as photography and sound recording. Stress will be laid in the second part of the course (595b) on the linguistic context of culture; its appropriate recording and structural body.
- 596-6 (3,3) Field Methods in Archaeology. Includes anthropological methods of enquiry and documentation of culture and habitat, together with appropriate instruction in the techniques of field work. Stress will be laid in the second part of the course (596b) on the practical application of archaeological methods and techniques to field work.
- 597-1 to 27 Fieldwork in Anthropology. Requirements as directed by staff.
- 599-1 to 9 Thesis.
- 600-1 to 48 Dissertation. No more than 18 hours in any quarter.

### Applied Science

**401-12 (4,4,4) X-Ray Crystallography.** (a) Introductory Crystallography. Lattice theory of the crystal. Miller indices. Crystal zones. The Bravais lattices. Symmetry elements. Proper and improper rotations. Point groups: crystal classes. Operators involving translation. Space groups. Elements of crystal structure. Coordination. Structure types. (b) X-Ray Diffraction Techniques.



X-ray diffraction by single crystals: fundamental equations. Reciprocal lattice and Ewald sphere. Optical analog: The optical diffractometer. Single crystal photographic methods: the Laue method: rotating and oscillation, Weissenberg, Buerger-precession and Jong-Bourman. Divergent and convergent-beam techniques. Interpretation of the x-ray diagrams. Diffractometric methods; fundamentals. Identification of polycrystalline materials with x-ray diffractometer (power method). Single crystal diffractometry. Absolute intensity measurements. (c) Crystal Structure Analysis. Fundamental diffraction relations. Determination of the cell size, chemical formula, symmetry and space group. Measurement of intensities: geometrical and physical factors affecting intensities. The structure factor; phase of the structure factor. The anisotropic temperature factor. Fourier synthesis. Electron-density projections. The phase problem. Utilization of anomalous dispersion. Direct determination. The Patterson method. Refinement of the structure with high speed computers.

**410-8 (4,4) Electronics and Instrumentation for the Life Sciences.** (a) Review of electrical theory and electrical aspects of biological systems; introduction to circuit analysis; fundamentals of instrumentation, primarily electronic; laboratory. (b) Transducers and characteristics of instruments used in biological research; basic computer and data-system theory and applications; analysis of biological waveforms; simulation of biological systems; laboratory.

**418-3 Digital Computers in Research.** Computational techniques for matrix inversion, solution of linear equations, and characteristic roots and vectors; least square analysis, curve-fitting, and regression; design of experiment; solution of nonlinear equations; finding zeros of a function, min-max functional approximation techniques; generation of approximate solutions. Prerequisite: Engineering 222 and Mathematics 150a.

**421-3 Programming Languages.** (Same as Computer Science 421.) A study of the development and use of programming languages for high speed stored program digital computers. Included are problem-, procedure-, and machine-oriented languages, symbolic languages, interpretive systems, macro assemblers, and list processors. A comparison of the languages will be made and each student will prepare programs using the languages studied. Prerequisite: Engineering 222 or consent of instructor.

**422-3 Programming Systems.** (Same as Computer Science 422.) The use and methods of electronic data processing systems. Topics are searching, ordering, codifying, information retrieval, process control, executive routines, and heuristic programming. The student will apply system techniques for solution of problems using one or more of the available high speed digital computers. Prerequisite: Engineering 222 or Mathematics 225 or consent of instructor.

**430-2 to 8 Special Problems.** Special opportunity for students to obtain assistance and guidance in the investigation and solution of selected technical problems. Prerequisite: consent of coordinator.

**431-9 (3,3,3) Nuclear Science.** An introductory course to provide a background for further work in nuclear science. Lectures and problems in radioactivity and the uses of radio isotopes, nuclear engineering, introductory reactor theory, and use of an analog computer in solving problems of neutron transport and reactor kinetics. Prerequisites: Mathematics 252b and Applied Science 300.

**432-3 Nuclear Laboratory.** Health physics instruments; characteristics of alpha, beta, and gamma rays; radioactive decay; counting statistics; fundamental neutral experiments. Prerequisite: 300 or Physics 300.

**470-6 (3,3) Engineering Analysis.** (a) Basic vector field theory; transformation theorems. Methods of solution for basic ordinary differential equations with applications to engineering systems. Prerequisite: Mathematics 252. (b) Basic methods of solution for partial differential equations with emphasis on applications of the Laplace, Poisson and heat equations to engineering problems. Basic complex variables, matrix theory, numerical analysis and simulation techniques applied to engineering systems. Prerequisite: 470a or Mathematics 305a.

**501-16 (4,4,4) Materials Science.** (a) The Crystal Structure of Materials. The concept of ionic, metallic, van der Waals, and covalent bond. The concept of hydrogen bond. Solid solutions. Interstitial phases. The crystal chemistry of inorganic compounds. Coordination structures. The role of radicals in crystal structures. The organic crystals. Long chain molecular crystals. Clathrate and molecular complexes. The structure of polymers. The structure of glass. The structure of liquids. (b) Crystalline Materials Preparation. Phase

rule. Modern theories of crystal growth. Homogeneous and heterogeneous nucleation. Absorption. Layer growth. Dendritic growth: impurities. Rate of crystallization. Preparative crystallization. Twinning. Spiral growth theory. Recrystallization. (c) Perfection of Crystalline Materials. The solid as an imperfect body. Point defects. Isomorphic substitution. Composition disorder. Electron holes and traps. Other point defects. Diffusion. Monodimensional imperfections. Dislocations. The role of dislocations in growth and phase transition. Two dimensional imperfections. Crystal surface. Grain boundaries. Three dimensional imperfections. The role of imperfections in the physical properties of crystalline materials. (d) Thermodynamics of solids. The potential energy of ionic and molecular crystals. Band theory. Stability of solid phases. Equilibrium diagrams. Influence of temperature, pressure, and composition. Polymorphism: role of crystal structure. The thermodynamics of the imperfect crystal.

**503-12 (4,4,4) Physical Properties of Crystalline Materials.** (a) In Relation to Its Symmetry. General principles: The groundwork of crystal physics. Transformations and second-rank tensors. Equilibrium properties: The stress tensor. The strain tensor and thermal expansion. Piezoelectricity: Third rank tensors. Elasticity: Fourth-rank tensors. The matrix method. Thermodynamics of equilibrium properties of crystals. Transport properties: Thermal and electrical conductivity. Thermoelectricity. Crystal Optics: Natural and artificial double refraction: second order effects. Optical activity. (b) In Relation to Its Structure I. Thermal expansion in relation to crystal structure. Compressibility in relation to crystal structure. Influence of temperature. Magnetic and electrical properties in relation to crystal structure. Piroelectricity and piromagnetism. Ferroelectricity and ferroelectrics. Antiferroelectrics. Ferrielectrics. Ferromagnetic crystals. Antiferromagnetics. Domain structures. Phase transitions. (c) In Relation to Its Structure II. Ionic polarizabilities. Influence of temperature. Influence of structure in crystal optics. Molecular refractivity. Structural theory of optical activity. Elasticity and crystal structure. Piezoelectricity. Plastic deformation. Slip. Creep. Cleavage.

**504-12 (4,4,4) X-Ray Diffraction and the Solid State.** (Same as Physics 504.)

(a) Diffraction by an arbitrary object in Fourier transform formulation, symmetry properties of scattering functions, the convolution theorem, the Q function or autoconvolution, the two repeated Fourier transformations, X-ray diffraction by an atom, by a molecule, by an ideal crystal and by a finite crystal. Optical transforms: Fraunhofer diffraction of a circular aperture, of a molecule and of a crystal of disc like atoms. The Fourier synthesis and the Patterson synthesis. The inverse Fourier syntheses. High speed computations of Fourier transforms and of Fourier series. (b) The Born-Laval theory of temperature diffuse scattering of x-rays: Determination of elastic constants, dispersion relations of frequencies and velocities, interatomic force constants and elastic vibrational spectrum. Determination of Debye characteristic temperatures from the inversion phenomenon of one-phenon scattering. The Difference Fourier Transform approach. The use of optical diffractometry and optical convolution in the interpretation of imperfect crystals.

**521-6 (3,3) Design of Automatic Programming Language Processors.** (Same as computer Science 521.) Analysis of design and construction of automatic programming language processors. An investigation of the structure of scientific and business oriented compilers, list processors, and information processing languages. The student will be expected to review recent papers on these topics, to prepare an aspect of the theory, prepare flow charts and program segments of the processors for the languages studied. Prerequisite: 421.

**522-6 (3,3) Programming Systems Design.** (Same as Computer Science 522.) Design of monitor systems, executive routines, simulators and other systems. An analysis of problems encountered in designing a programming system. The student will be expected to review recent papers on these topics, prepare flow charts, to complete an aspect of the theory, and to write programs for segments of the systems studied. Prerequisite: 442.

**530-3 Nuclear Processing.** Processing of ore to fuel; reprocessing spent fuel; waste disposal; isotope separation and purification; materials; special reports. Prerequisite: 431b.

**570-2 to 6 Special Investigations.** For students who wish to make a thorough study or investigation of a specific problem in technological education.

**580-1 to 9 Seminar.** Collective and individual study of selected issues and problems relating to various technological areas.

**599-1 to 9 Thesis.**



## Art

**Art Education:** 408, 460, 466, 560, 566, 599.

**Art History:** 445, 482, 483, 571, 573, 599.

**Studio:** 401, 405, 406, 410, 416, 420, 430, 436, 440, 441, 446, 493, 501, 502, 504, 506, 511, 516, 520, 526, 530, 540, 546, 599.

**401-2 to 12 Research in Painting.**

**405-2 to 12 Studio in Sculpture.**

**406-2 to 12 Studio in Painting.**

**408-4 Art Education for Elementary Teachers II.**

**410-2 to 12 Research in Prints.**

**416-2 to 12 Studio in Prints.**

**420-2 to 12 Research in Pottery.**

**426-2 to 12 Studio in Pottery.**

**430-2 to 12 Research in Metal Construction.**

**436-2 to 12 Studio in Metal Construction.**

**440-2 to 12 Research in Weaving.**

**441-2 to 12 Studio in Drawing.**

**442-2 to 12 Studio in Drawing.** Prerequisite: 341-12.

**445-9 (3,3,3) Modern Art.** (a) 19th century. (b) Early 20th century, (c) Mid 20th century.

**446-2 to 12 Studio in Weaving.**

**447a-3 The Art of Ancient Egypt and the Near East.** A survey of principal monuments and archeological evidence relevant to an appraisal of the origins and development of art in the early civilizations of Africa, Western Asia, Europe and the Aegean from prehistoric times to the rise of the Persian Empire.

**447b-3 The Art of Ancient Greece.** A study of the origins, development and influence of art produced in Greece and its colonies from the Bronze age to the Roman Empire.

**447c-3 The Art of The Ancient Romans.** An appraisal of the material culture of art of the Roman civilization, its debt to other ancient civilizations and achievements in architecture, sculpture and painting from its foundation until the reign of Constantine.

**448a-3 Early Christian and Byzantine Art.** A survey of problems related to art and architecture produced in Christian communities and under the aegis of the Byzantine Empire until the Fall of Constantinople.

**448b-3 Early Medieval and Romanesque Art.** A study of the development of architecture and Art in Europe from the fall of the Roman Empire to the formulation of the Gothic style.

**448c-3 Gothic Art.** A survey of major developments in Architecture, Sculpture, and painting in Europe from the earliest formulation of Gothic Style to its decline in the Renaissance period.

**449a-3 Art of the Renaissance in Europe.** A study of developments in art during the 15th Century in Italy and the Lowlands leading to the High Renaissance and its impact in European painting, sculpture, and architecture of the 16th Century. Prerequisite: 225a,b,c.

**449b-3 Baroque Art in Europe.** A study of the formation of national style in the arts of Italy, Spain, Austria, Germany, France, Flanders and Holland from the 16th Century to the 17th Centuries with particular attention to major masters.

**449c-3 The Art of 18th Century Europe.** A study of architecture, sculpture and painting in European countries and colonies from the end of the 17th Century to the French Revolution with particular emphasis on the Rococo Art of Italy, England, Spain and France.

**450-1 The Visual Arts in Higher Education.**

**451a-3 Art of Ancient Asia and America.** A survey of early developments in architecture and the plastic arts of related civilization in India, China, Japan and Ancient America, from prehistoric evidence to major monuments of the First Millenium, A.D.

**451b-3 Painting In the Far East.** General survey of the major pictorial arts of China from six dynasties to Ch'ing dynasty, or Korea from Silla period to Ti dynasty, and of Japan from Asuka to Edo periods. An attempt will be made to trace influences central to the development and spread of important styles and to relate art to the classics of Oriental aesthetics.

- 451c-3 Islamic Art.** A survey of important monuments and art works produced in the context of Islamic culture in the Near East, Africa, Spain, Persia, Turkey and India from the 17th Century to the present.
- 460-2 to 12 Research in Art Education.**
- 466-2 to 12 Studio in Art Education.**
- 471-3 Baroque Painting in Italy.** Major developments in style and expression in Italian painting from the late Mannerist period until the early 18th Century.
- 482-3 Art History Seminar.** Lectures, readings, and reports on artists, styles, subjects of special interest which will be announced periodically.
- 483-3 Research in Art History.** Individual research in the painting, sculpture, architecture, and related arts of the various periods.
- 493-2 to 12 Advanced Sculpture.**
- 501-2 to 12 Seminar in Painting.**
- 502-2 to 12 Seminar in Sculpture.**
- 504-2 to 12 Research in Sculpture.**
- 506-2 to 12 Research in Painting.**
- 511-2 to 12 Seminar in Prints.**
- 516-2 to 12 Research in Prints.**
- 520-2 to 12 Seminar in Pottery.**
- 526-2 to 12 Research in Pottery.**
- 530-2 to 12 Seminar in Metal Construction.**
- 536-2 to 12 Research in Metal Construction.**
- 540-2 to 12 Seminar in Weaving.**
- 541-2 to 12 Research in Drawing.** Prerequisite: 12 hours 300-level courses.
- 546-2 to 12 Research in Weaving.**
- 560-2 to 12 Seminar in Art Education.**
- 566-2 to 12 Research in Art Education.**
- 571-2 to 5 Readings in Art History.**
- 573-3 to 12 Problems of Art History.** A detailed study of single works of stylistic problems in selected areas of world art.
- 599-2 to 9 Thesis.**

## Botany

- 400-5 Plant Anatomy.** An introduction to cell division, development, and maturation of the structures of the vascular plants. Laboratory fee \$5. Prerequisites: 301 or consent of instructor.
- 404-5 The Algae.** Structure, development, and relationships of the algae. Laboratory and some field work. Laboratory fee. Prerequisite: 300.
- 405-5 Mycology.** Structure, development, and relationships of the fungi. Problems of economic and scientific interest stressed. Laboratory. Prerequisite: 300.
- 406-5 Industrial Mycology.** A consideration of the myriad ways in which fungi impinge on man's affairs, with special emphasis upon their various industrial application—real and potential. 3 lectures and 4 laboratory hours per week. Prerequisite: 405 or consent of instructor.
- 410-3 The Taxonomy and Ecology of Bryophytes and Lichens.** Floristic studies of the moss, liverwort, and lichen communities of southern Illinois. One lecture and 4 laboratory hours per week. Prerequisite: consent of instructor.
- 411-4 The Bryophytes and Pteridophytes.** Structure, development, and relationships of the liverworts and mosses, and the ferns and fern allies. Laboratory. Prerequisite: 301.
- 412-4 The Spermatophytes.** Structure, development, and relationships of the gymnosperms and angiosperms. Laboratory fee. Prerequisites: 301, GSA 303.
- 414-5 Paleobotany.** (Same as Geology 414.) An introduction to the study of fossil plants emphasizing the major features of plant evolution and the applications of paleobotany to problems in the botanical and geological sciences. Lecture, laboratory, and field trips. Student cost about \$5. Prerequisite: 303 or Geology 221.
- 420-4 Physiology of Fungi.** A treatment of the physiological activities of fungi with particular stress upon (1) those aspects peculiar to the group by virtue of their being nonchlorophyllous plants, and (2) an exploration of the possible explanations of the parasitic vs. the saprophytic habit. Prerequisite: consent of instructor.
- 425-15 (5,5,5) Advanced Plant Physiology. (a) Physics of the plant, water**



relations, membrane phenomena, photobiology. (b) Chemistry of the plant, anabolic and catabolic processes, photosynthesis, respiration, chemosynthesis. (c) Covers the absorption, translocation, function and interaction of inorganic nutrient elements in green plants with application to forest, agronomic, and horticultural species. Prerequisites: 320, Chemistry 350, or a chemistry minor.

**428-3 Plant Nutrition.** The physiological importance of carbon-, nitrogen-, and phosphorus-containing compounds is stressed. Prerequisites: organic chemistry, minor in botany or agriculture.

**440-14 (4,5,5) Advanced Ecology.** (a) management and ecology of grasses and grasslands, (b) physiology and autecology of forest species, (c) sampling methods and community analysis. Prerequisite: Biology 307 or consent of department.

**446-12 Tropical Ecology.** Three weeks of marine ecology on the atolls and extensive barrier reef near Belize, British Honduras, and three weeks of terrestrial ecology at several locations inland. Prerequisite: advanced undergraduate or graduate standing in one of the biological sciences.

**449-3 Elements of Taxonomy.** Principles of taxonomic research including classical and experimental methods. 1 lecture and 4 laboratory hours per week. Field and laboratory expenses \$5. Prerequisite: 303 or equivalent, or consent of instructor.

**450-3 Plant Geography.** World distribution of plants and plant communities related to historical, environmental, and floristic factors. Prerequisite: consent of instructor.

**456-5 Plant Pathology.** (Same as Plant Industries 355.) A study of plant diseases caused by fungi, bacteria, and viruses. Special attention given diseases of southern Illinois plants. Laboratory and field trips. Laboratory fee. Prerequisite: consent of instructor.

**457-4 Forest Pathology.** Nature and control of forest and shade tree diseases. A study of tree diseases in forests, parks, streets, and nurseries. Fungi important in decay and stain of timber and its products are included. Laboratory fee. Prerequisite: 456 or consent of instructor.

**470-4 Methods of Teaching High School Biology.** Methods, objectives, types of courses taught in secondary school biology. Laboratory and field trips. Prerequisite: major in botany or zoology.

**480-4 Classic Principles of Botany.** Theories, principles, and developments in the various divisions of the plant sciences. Prerequisite: GSA 203 or consent of instructor.

**500-5 Biosystematic Plant Anatomy.** Study of the taxonomic implications of developmental and positional variation of tissues and cell types within plants. Two lecture and six laboratory hours per week. Prerequisite: 400. Recommended: 412, 449.

**503-20 (5,5,5,5) Advanced Angiosperm Taxonomy.** Systematic treatment of all families of (a,b,c) dicotyledoneae and (d) monocotyledoneae. Prerequisite: consent of instructor.

**510-4 Bio-ecology.** (See Zoology 510).

**522-5 Advanced Microtechnique.** Preparation and presentation of research materials. Laboratory work only. Prerequisite: consent of department. Credit on work completed.

**524-3 Advanced Plant Genetics.** A consideration of incompatibility systems, paramutation, cytoplasmic inheritance, developmental genetics, and other genetic topics as they occur in higher plants. Prerequisite: Biology 305 or equivalent.

**525-5 Cytology.** (Same as Zoology 525.) Physiochemical, chemical, and morphological organization of the cell. Ultrastructure of the cellular organelles. Cytochemical and submicroscopical organization of the hereditary material. Morphology and function of the spindle of the nucleus and chromosomes during the mitotic cycle. Synthesis and replication of nucleic acids. RNA and protein synthesis. The genetic code. Enzymes and cell metabolism. Prerequisite: 305.

**526-5 Cytogenetics.** Correlation of cytology with genetics. Cell mechanics and nuclear division. Mitosis, meiosis, crossing over and mapping of chromosomes. Mutation, mitotic agents, effect of irradiation, polyploidy, structural aberrations, polytene chromosomes. Synthesis of new species, comparative karyomorphology. Evolution and cytogenetics. Prerequisite: 525 or consent of instructor.

**533-3 to 4 Growth and Development in Plants.** External and internal factors as they effect development and growth of plants, photoperiodism, and the role

of growth-promoting substances. 1 hour to be arranged. Prerequisite: 320.

**535-3 Energetics of Aquatic Ecosystems.** Energy flows in aquatic habitats; photosynthesis and respiration rate determinations under natural and laboratory conditions; determination of dominant genera in the communities; daily and annual energy budgets; factors influencing utilization of light by biotic systems; influence of daily and annual energy budgets on stratification on current systems, and on seasonal succession in the community. Prerequisite: consent of instructor.

**542-3 Biosystematics.** An examination of species concepts and factors effecting the formation of species. Evidence from the fields of geneecology, cytotaxonomy, genetics, numerical taxonomy, and chromotography are discussed as well as the phenomena of hybridization, polyploidy, and apomixis. Prerequisite: 305.

**543-5 Experimental Ecology.** Experiments on plant response to environmental factors. Design of experiments, statistical methods, presentation of individual research findings. Laboratory. Prerequisites: 320, GSA 340, or consent of instructor.

**551-4 The Natural Vegetation of the Mississippi Basin, Upland.** Floristic studies of the upland vegetation which occurs in the central basin of the Mississippi River. Student cost \$10. Prerequisite: GSA 303 or consent of instructor.

**552-4 Mississippi Flora, Aquatic.** An analysis of the aquatic vegetation of the Central Mississippi basin, discussing importance to wildlife. Student cost \$10. Prerequisite: GSA 303 or consent of instructor.

**555-12 (4,4,4) Advanced Plant Pathology.** (a) A study of facultative fungal parasitism with emphasis on the physiology of host-parasite interactions. (b) A study of obligate fungal parasitism with emphasis on the physiology of host-parasite interactions. (c) A study of bacterial and viral parasitism with emphasis on the physiology of host-parasite interactions and biochemistry of virus reproduction. Prerequisite: 456 or consent of instructor.

**570-2 to 5 Readings.**

**580-1 to 3 Seminar.** To be taken by all graduate students majoring in botany.

**590-2 to 4 Introduction to Research.** Methods of presentation of research materials, including written reports, graphs, photographs, bibliographies. Taxonomy students learn to write keys and descriptions; Botanical Latin; nomenclature.

**591-3 to 9 Research.** Assignments involving research and individual problems. Prerequisite: consent of department.

**599-3 to 9 Thesis.** Work in the research for and presentation of a thesis. Not more than 9 hours nor fewer than 5 hours will be allowed on thesis work. Total hours in 591 and 599 cannot exceed 15 hours to be applied to the master's degree.

**600-1 to 36 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Business Administration

**500-4 Research Methods and Communications.** Analysis and functional applications of the communication process in the planning, design and presentation of business research data. Provision of a rationale for subsequent studies involving investigative methods.

**501-4 Quantitative Methods for Decision Making.** Study of the means for testing the validity and reliability of managerial conclusions. Selected areas include criteria development, value analysis, and statistical analysis, including both parametric and non-parametric applications of analysis.

**502-4 Business and Society.** Study of the external environment of business; social, political and ethical dimensions; conflicts of business-labor-government power groups. Social responsibilities in the formulation of a business management philosophy.

**510-4 Managerial Accounting and Control.** Relationship of accounting to the functions of production, finance, and distribution; emphasis is given to the usefulness of accounting in administering and controlling an enterprise.

**511-4 Accounting Theory.** Contemporary advanced accounting theory, including controversial issues with emphasis on net income determination and asset valuation; particular attention given to current publications of the professional and governmental agencies.



**512-4 Advanced Auditing.** Development of auditing theory and its implications for auditing practice; emphasis on auditing standards and concepts, pronouncements and bulletins of the American Institute of Certified Public Accountants, and current literature.

**513-4 CPA and Advanced Accounting Problems.** Highly technical problems not covered in undergraduate courses primarily drawn from the American Institute of Certified Public Accountants' examinations.

**514-4 Controllership.** Function of controllership in a business organization; analysis of the duties and responsibilities of a controller; contribution of a controller to effective planning, coordination, and control through accounting; case studies.

**519-4 Seminar in Accounting.** Discussion of current problems and theories in accounting.

**521-4 Business Conditions Analysis.** Adaptation of the business firm to business conditions as indicated by measurements, evaluations, and forecasts.

**525-4 Cooperative Vocational-Technical Education.** (See Technical and Industrial Education 525.)

**526-4 Managerial Economics.** Develops conceptual framework for business decision making with emphasis on demand, costs, prices, and profits. Credit may not be earned in both Economics 440 and this course. Prerequisites: 214 and 215, or consent of instructor.

**530-4 Financial Management.** A study of financial principles and practices with special emphasis on their relation to managerial planning and control.

**531-4 Financial Policies.** An evaluation of selected financial policies of corporate enterprise with emphasis on capital budgeting, on the equity and current position.

**532-4 Financial Institutions and Markets.** The principal financial institutions and markets will be studied in relation to their contribution to the efficient operation of the individual enterprise and the total economy.

**539-4 Seminar in Finance.** Current issues and practices in business finance. Each student will select a problem for intensive exploration and report his findings to the class.

**540-4 Managerial and Organization Behavior.** Case analyses of human problems in the business organization. Application of findings of behavioral science research to organizational problems. Development of direction and leadership skills.

**541-4 Operations Analysis and System Controls.** Study of production functions of the firm. Analyses of operational inter-relations, design of planning procedures, and the application of control systems.

**542-4 History and Theory of Management.** An analytical study of the background and growth of management theory from its early beginnings to the present. Emphasis will be largely on the theory and practice of business management.

**543-4 Personnel Management.** Review of recent developments and current trends in personnel administration based on evaluation of the present state of the literature.

**544-4 Production Management.** Study of the production function associated with various kinds of businesses. Concern is on the integration of production with other functions of business. Analyses with focus upon managerial problems.

**549-4 Seminar in Management.** Study of contemporary theory and practice and recent trends in the field of management. Individual and group research reports.

**550-4 Marketing Management.** A managerial approach in the determination of policies employed in solving problems in marketing.

**551-4 Product Strategy and Management.** Product management and its relationships with business policies and procedures; the development of multi-product strategies, means of developing such strategies, and the problems and methods of commercialization.

**552-4 Advanced Marketing Research and Analysis.** The development of advanced procedures, methods and theory of quantitative and qualitative analysis of primary and secondary marketing data.

**553-4 Logistics Management.** The planning, operation, organization, and management of the logistics system of the firm. Topics: transportation and location as elements of the system, inventories and service as constraints upon the system.

**554-4 Marketing Theory.** Emphasis on evaluation of the role of theory in explaining and understanding the marketing function. Theory in related disciplines considered in regard to evolving marketing theory.

**559-4 Seminar in Marketing.** Students select and defend, on an individual basis, problems in marketing theory, research, and policy. May be repeated once with consent of department.

**580-4 International Business Operation.** An advanced course for candidates for the Master of Business Administration degree who have a background in business administration theory and practice and who have a special interest in management at the international level.

**590-4 Independent Study.** Directed independent study in selected areas of business administration.

**598-4 Business Policies.** A decision-making frame of reference for application of functional and tool area courses to business cases. Analysis of external and internal environmental constraints on business policy formulation and administration.

**599-4 to 8 Thesis.**

## Chemistry

**411-4 Intermediate Inorganic Chemistry.** Modern inorganic chemistry involving atomic structure, chemical bonds, complexes, and chelate structures; chemistry of familiar and less familiar elements. 3 lecture hours per week. Prerequisite: 461b.

**412-3 Inorganic Preparations.** A study of several important inorganic syntheses. 1 lecture and 6 laboratory hours per week. Prerequisites: 235; 305b or 341c.

**416 X-Ray Crystallography.** (See Geology 416.) Prerequisite: Chemistry 121b, 12 hours of physics, one year of calculus.

**432-8 (4,4) Instrumental Analytical Measurements.** Theory and practice of instrumental analytical measurements, including spectrophotometric, electro-analytical, and chromatographic methods. 2 lecture and 6 laboratory hours per week. May be taken in either sequence. Corequisite: 461b.

**433-3 Intermediate Quantitative Analysis.** A study of the analysis of complex materials, with emphasis on separations, functional group analysis, and instrumental applications. 2 lecture and 3 laboratory hours per week. Prerequisites: 432a or b and 461c.

**438-3 Review of Analytical Chemistry.** A review in depth of current analytical practices in research and industry, including fundamental equilibria, separations, and modern instrumental techniques; designed to update graduate students who are deficient in these areas. Prerequisite: Chemistry 433 or equivalent.

**446-4 Qualitative Organic Analysis.** A systematic study of the separation and identification of organic compounds. 2 lecture and 6 laboratory hours per week. Prerequisite: 235 and 341c or consent of instructor.

**447-3 Quantitative Organic Chemistry.** The determination of functional groups and elements commonly found in organic compounds by selected methods of analysis; illustration of general methods of procedure in the field of quantitative organic chemistry. 1 lecture and 6 laboratory hours per week. Prerequisite: 305b or 341c.

**451-9 to 11 (3,3,3 or 4) Biochemistry.** (a) Chemistry and functions of amino acids, proteins, and enzymes. (b) Carbohydrate chemistry, function, and metabolism; biochemical energetics; citric acid cycle; oxydative phosphorylation. (c) Photosynthesis; lipid chemistry, function, and metabolism; nitrogen metabolism; nucleic acid and protein biosynthesis; metabolic regulation. Prerequisite: 235, 305b, 341c.

**455-8 (4,4) Biochemistry Laboratory.** Modern biochemical laboratory techniques. (a) Isolation, purification, and characterization of constituents of living cells. (b) Investigations of pathways, kinetics, energetics, and regulatory mechanisms related to metabolism and enzymic activity. One lecture and 8 laboratory hours per week. Prerequisite: 451.

**460-5 Principles of Physical Chemistry.** A one-term course in physical chemistry designed especially for non-chemistry majors including prospective teachers of high school chemistry. Three hours of lecture and six hours laboratory per week, one hour of which will be used for special instruction. Prerequisite: 235, 305b, or 341c, and one year of physics or consent of instructor.

**461-12 (4,4,4) Physical Chemistry.** A fundamental course in physical chem-



istry. 3 lecture and 3 laboratory hours per week. Prerequisites: 235, 12 hours of physics, and one year of calculus. Must be taken in a,b,c sequence, and each is a prerequisite for the next course in the sequence.

**464-3 Introduction to Quantum Chemistry.** Quantum chemistry as applied to atoms and molecules. Three lecture hours per week. Prerequisite: 461c or consent of instructor.

**471-3 Industrial Chemistry.** A survey of modern industrial chemistry and an introduction to chemical research processes. 3 lecture hours per week. Prerequisite: 305b or 341c.

**472-12 (4,4,4) X-Ray Crystallography.** (See Applied Science 401.)

**490-2 Chemical Literature.** A description of the various sources of chemical information and the techniques for carrying out literature searches. 2 lecture hours per week. Prerequisites: 235; 305b or 341c, reading knowledge of German or consent of instructor.

**496-1 to 12 Chemical Problems.** Investigation of individual problems under the direction of a staff member. Prerequisite: consent of instructor and department chairman.

**504-3 Mechanisms and Syntheses in Organic Chemistry.** Examination of the fundamental mechanisms and syntheses of organic chemistry. Prerequisite: 341c.

**511-9 (3,3,3) Advanced Inorganic Chemistry.** Lecture. (a) A theoretical and empirical treatment of chemical bonding and molecular structure. (b,c) Systematic treatment of physical-inorganic chemistry based on the principles learned in (a). The b,c sequence is not mandatory. Prerequisite: 461c.

**519-2 to 30 (2 to 6 per quarter) Advanced Topics in Inorganic Chemistry.** Selected topics such as kinetics of inorganic reactions, stereochemistry of inorganic systems, chemistry of coordination compounds, nonaqueous solvent systems, and others. Prerequisites: 511a and consent of instructor.

**531-3 Theory of Quantative Analysis.** The phenomena utilized in analytical chemistry with emphasis on separation, organic reagents, and complex methods. Lecture. Prerequisite: 433 or satisfactory field examination.

**532-3 Instrumental Methods of Analysis.** Theory and practice of instrumental measurements in analysis with emphasis on commercial samples and applications to research. Lecture and laboratory. Prerequisite: 432 or satisfactory field examination.

**539-2 to 30 (2 to 6 per quarter) Advanced Topics in Analytical Chemistry.** Selected topics such as microanalytical chemistry, absorption spectroscopy, and electroanalytical chemistry. Prerequisite: 432.

**541-3 Advanced Organic Chemistry.** An advanced course covering covalent bonding, structure, stereochemistry, reactions, reaction mechanisms, substituent effects, correlation of physical and chemical properties, and physical methods in organic chemistry. Lecture. Prerequisite: 504 or field examination.

**542-3 Advanced Organic Chemistry.** Continuation of Chemistry 541. Lecture. Prerequisite: 541.

**543-3 Advanced Organic Chemistry.** Continuation of Chemistry 542. Prerequisite: 542.

**547-3 to 6 Advanced Laboratory Preparations in Organic Chemistry.** Prerequisites: 446 and consent of instructor.

**549-2 to 30 (2 to 6 per quarter) Advanced Topics in Organic Chemistry.** Specialized topics in organic chemistry. The topic to be covered is announced by the department. Prerequisite: 543.

**551-3 Nucleic Acids and Protein Biosynthesis.** Proteins and nucleic acids. Three lecture hours per week. Prerequisite: 451c.

**552-3 Carbohydrate Chemistry.** Simple sugars, oligosaccharides, and polysaccharides. Three lecture hours per week. Prerequisite: 451c.

**553-3 Plant Biochemistry.** Three lecture hours per week. Prerequisite: 451c.

**554-4 Biochemical Mechanisms.** Molecular transformations in biochemistry in terms of general mechanistic principles in chemistry. 3 lecture hours per week. Prerequisite: 451c.

**555-3 Enzymes.** Advanced enzyme chemistry. 3 lecture hours per week. Prerequisite: 451c.

**559-2 to 30 (2 to 6 per quarter) Advanced Topics in Biochemistry.** Selected topics such as enzymology and physical biochemistry. Prerequisite: 451c.

**561-3 Chemical Thermodynamics.** Basic methods and theories as applied to chemical problems. Lecture. Prerequisites: 461c or consent of instructor.

**562-6 (3,3) Quantum Chemistry.** Basic Principles. Lecture. Prerequisite: 464 or consent of instructor.

**563-3 Chemical Dynamics.** Experimental description and classical theories of the rate of chemical reactions; kinetic theory of non-uniform gases and its application to reacting systems; molecular beam techniques. Lecture. Prerequisite: 461c.

**564-3 Statistical Thermodynamics.** Elements of statistical mechanics and application to relatively simple systems. Alternates with 563. Prerequisite: 562 or consent of instructor.

**569-2 to 30 (2 to 6 per quarter) Advanced Topics in Physical Chemistry.** Colloids and macromolecules, quantum chemistry of atoms, diatomic molecules or polyatomic molecules, statistical mechanics and others. Prerequisite: 561.  
**594-2 to 15 (2 to 6 per quarter) Special Readings in Chemistry.** Assigned library work in any of the five fields of chemistry with individual instruction by a staff member. (a) Analytical, (b) biochemistry, (c) inorganic, (d) organic, (e) physical. Prerequisites: 24 hours of 500-level chemistry and consent of chairman.

**595-0 to 9 Advanced Seminar in Chemistry.** Advanced level talks presented by graduate students; (a) analytical, (b) biochemistry, (c) inorganic, (d) organic, and (e) physical chemistry. Prerequisite: consent of chairman.

**596-3 to 9 Advanced Chemical Problems.** Individual study and investigation in preparation for research. Prerequisite: consent of chairman.

**597-3 to 15 Research and Thesis.** Prerequisite: consent of chairman.

**598-3 to 48 Research—Doctoral.** Prerequisite: consent of chairman.

**600-3 to 48 Dissertation—Doctoral.** Prerequisite: 598.

### Child and Family

**408-2 to 8 Workshop.** For workers in fields related to child and family.

**445-4 Administration of Pre-School Programs.** Objectives in pre-school programs. Programming including housing, equipment, health protection, and supervision. Field trip. Prerequisite: 345b or consent of instructor.

**456-4 Infant Development.** Current theories and knowledge concerning growth and development of infants with related laboratory and field experiences. Prerequisite: 237 or Psychology 301 or equivalent.

**466-2 Practicum in Parent-Child Study.** Designed to increase student's ability to work with parents and parent groups through an awareness of factors in the parent-child relationship and knowledge of current research and methods in parent education. Integration with infant and child development laboratories and related field experience. Prerequisites: 227, 237 or equivalent.

**471-2 to 6 Field Experience.** Supervised learning experiences. Child development experience in a community nursery school. Prerequisite: consent of chairman.

**481-2 to 6 Readings.** Child development and family living readings under staff supervision. Prerequisite: consent of instructor and chairman.

**500-4 Research Methods.** The study of principles of research design and basic techniques in child and family research. Prerequisite: Guidance 505, Mathematics 420 or consent of instructor.

**556-4 The Pre-School Child.** Growth of the child from birth to six years with emphasis on the various aspects of growth and their inter-relationships.

**562-4 Child Development through Home and School.** The normal, healthy development of children as it takes place in the home and is promoted by the curriculum and other school activities.

**566-4 Interpersonal Relationships within the Family.** A study of factors that promote satisfactions within the immediate family; planning and preparing teaching units, and source materials in this field.

**571-4 Recent Research.** Review of selected research in areas of child and family.

**572-2 to 8 Special Problems.** For qualified students who need to pursue certain topics further than regularly titled courses permit. Prerequisite: consent of chairman.

**599-2 to 9 Thesis.** Minimum of 5 hours counted toward a master's degree.

### Cinema and Photography

**402-4 History of Still Photography.** History, esthetics, and appreciation of still photography. Not open to students who have had GSC 348.



- 403-4 Portrait Photography.** Formal and informal approaches to portraiture. Studio lighting and natural light techniques. Prerequisite: 322.
- 404-4 Advanced Portrait Photography.** Advanced problems in portraiture. Prerequisite: 403.
- 405-4 Commercial Photography.** Study and use of studio lighting techniques for commercial photography. Prerequisite: 322.
- 406-4 Advanced Commercial Photography.** Assignments in areas of commercial photography in black and white and color. Prerequisite: 405.
- 407-4 Publications Photography.** Photographic news reporting with emphasis on single pictures and short picture stories. Prerequisite: 322.
- 408-4 Advanced Publications Photography.** Production of picture essays including research, lay-out, captions, and text. Black-and-white and color. Prerequisite: 407.
- 409-4 Picture Editing.** Picture usage and layout and methods of photographic reproduction for the mass media.
- 415-4 Technical and Scientific Photography.** Introduction to photographic methods used in science and research. Prerequisite: 322.
- 418-4 Documentary Photography.** Methods, approaches, and work in documentary photography. Prerequisite: 322.
- 420-4 Experimental Photography.** Experimental approaches to the creation of photographic images. Prerequisite: 322.
- 421-4 to 8 Personal Photographic Expression.** Development of personal vision in photography. Usually taken 4,4. Prerequisite: consent of department.
- 422-4 Advanced Color Photography.** Study and production of color photographs. Emphasis on experimental techniques. Prerequisite: 322.
- 428-3 Managing the Industrial Photographic Unit.** A study of practices, procedures, administration, and management of typical units. Prerequisite: consent of department.
- 450-4 Film and Society.** Major social issues associated with the cinema. Examination of attempts to regulate and control the medium.
- 456-1 to 6 Workshop in Film Production.** Crew work on university film productions. Prerequisite: consent of department and film production.
- 457-4 Mixed Media Production.** Multi-media theory. Creation and coordination of presentations involving visual and aural media. Prerequisite: consent of department.
- 458-1 to 12 Projects in Cinema and Photography.** Individual or crew projects in motion picture production or still photography. Usually taken 4,4,4. Prerequisite: consent of department.
- 460-4 History of the Silent Film.** Emphasis on the theatrical film to 1929. Screening fee.
- 461-4 History of the Sound Film.** Theatrical film from early experimentation to the present. Screening fee.
- 462-4 History of the Documentary Film.** Documentary film illustrated by the work of representative film makers. Screening fee.
- 463-4 History of the Experimental Film.** Survey of experimentation in cinema from the turn of the century, through the avant-garde periods, to contemporary independent films.
- 470-4 Special Cinematic Forms.** Innovation in technique and content in animated, advertising, and experimental films. Production of short innovative films. Prerequisite: 357 or equivalent.
- 480-1 to 12 Individual Study in Cinema and Photography.** Research in history, theory, or aesthetics. Usually taken 4 per quarter. Prerequisite: consent of department.

## Clothing and Textiles

- 432-2 to 8 Workshop.** Designed to aid leaders in the field with current problems. Discussion, reports, lectures, and other methods of analyzing and working on solutions to problems. Prerequisite: consent of chairman.
- 433-4 Advanced Pattern Designing.** Application of flat pattern design principles to the making of patterns for garments of various designs and fabrics. Fitting and pattern alteration related to various figure types. Production cost analysis. Prerequisite: 233 or consent of chairman.
- 434-4 History of Clothing.** Development of clothing from prehistoric times to the present. Social, economic, and aesthetic background. Technical innovations that made possible its design.

**440-4 Clothing the Family.** Needs and wants of individuals at various developmental stages, in family and societal settings with respect to apparel consumption; functional and fashion-motivated choice of clothing; and family budgets.

**470-3 Seminar in Clothing and Textiles.** Apparel and environmental-textile needs of consumers at the level of design room, research laboratory, mill, store, and satisfactory end-use performance. Prerequisite: consent of chairman.

**473-4 Advanced Tailoring.** The student will tailor one garment for herself. Time-saving methods, high-quality construction details, and professional finishes stressed. Prerequisite: 360 or consent of chairman.

**474-4 Advanced Textiles.** The physical and chemical analysis of textiles. Problems dealing with standards, labeling, and legislation. Current literature of developments in the field. Prerequisites: 304 or consent of chairman.

**500-4 Research Methods.** Study of methods employed in research in clothing, textiles, and interiors. Critique of literature, theses, and research. Development of research design based on interest and need of student. Prerequisite: statistics or consent of chairman.

**570-4 Clothing and Textiles Seminar.** Selected problems within the field of clothing and textiles.

**572-2 to 8 Special Problems.** For students recommended by their chairman and approved by the chairman of Clothing and Textiles, and the instructor in charge for independent work or directed study.

**582-4 Foundations of Fashion.** Anthropological approaches to fashion and socio-economic and psychological forces as determinants of fashion in modern times. Prerequisites: 329 and 339, or consent of chairman.

**583-3 (1,1,1) College Teaching of Clothing, Textiles, and Interiors.** Central ideas, objectives, and current practices. For preparation of college teachers.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

### Community Development

**401-4 Introduction to Community Development.** This survey includes an analysis of the history, values, and techniques of various approaches to community development and explores some of the specific social issues and problems which confront community development practitioners. Prerequisite: 4 hours of sociology or consent of instructor.

**402-4 Comparative Community Development.** Surveys the historic, economic, organizational, and other aspects of international community development programs under the auspices of world and regional agencies, or of multi-national, national, or local sponsorship, focusing primarily upon specific case studies. Prerequisite: 401, 4 hours sociology, or consent of instructor.

**501-4 Small Group Process in Community Development.** Review of the literature on small groups and the techniques of working with them. Examines small group processes, ranging from informal personal interaction to formal problem-solving and decision making. Special attention given to problems of communication and to the concept of role. Prerequisite: 401, consent of instructor.

**502-4 Community and Change.** Classical and modern theories of social change and their relevance and applicability to development problems. Helps students select and adapt these theories to a variety of situations both in this country and abroad. Prerequisite: 401, consent of instructor.

**503-4 Problems and Approaches to Community Development.** Focuses upon a range of CD problems and models and deals with selected skills necessary to the CD technician. Prerequisite: 401, consent of instructor.

**511-4 Laboratory in Small Group Process.** Application of CD as a problem-solving method in a small group situation. Problems of establishing goals and reaching them, and problems of power, resources, and decision-making are dealt with in a group setting. Prerequisite: 401, 501 (or parallel), or consent of instructor.

**512-4 The Change Agent in Planned Change.** Laboratory to parallel the substantive-theoretical content of 502. Utilizes case study, role playing, and participant observation approaches to explore, in depth, relations between theory and practice in the actual processes of community change. Prerequisite: 401 or consent of instructor.

**513-4 Laboratory in Consulting Styles and Techniques.** Emphasis upon the



CD practitioner and how he works. Field consultants, community workers and organizers, and persons skilled in distinctive approaches to CD are brought into the classroom. Students also observe practitioners in the field and, as individuals or teams, participate in community change projects. Prerequisite: 401, consent of instructor.

**596-1 to 8 Independent Study in Community Development.** Independent study under the supervision of a faculty member in the Community Development Institute or work on a terminal research paper or advanced field project. Prerequisite: 401, consent of instructor.

**598-4 Research Seminar in Community Development.** Helps students planning individual field research projects, especially terminal research projects or master's theses. Prerequisite: 401, 501, 502, 503, and 511.

**599-1 to 8 Thesis Research.** Credit is given for a master's thesis when it is accepted and approved by the thesis committee. Prerequisite: 401, 501, 502, 503, 511, and 598.

## Computer Science

**421-3 Programming Languages.** (See Applied Science 421.)

**422-3 Programming Systems.** (See Applied Science 422.)

**521-6 (3,3) Design of Automatic Programming Language Processors.** (See Applied Science 521.)

**522-6 (3,3) Programming Systems Design.** (See Applied Science 522.)

## Design

**400-0 to 2 Materials and Basic Techniques.** Same as 200 and 300.

**465f-4 to 16 Research in Product-Shelter Design.** Problems dealing with large groups. All problems carried from conception to actual full-scale construction. Development of prototype for mass-production techniques. Small research projects will be developed under grants given to the department. Prerequisite: 12 hours of 366 or its equivalent.

**465g-4 to 16 Research in Visual Design.** Problems dealing with room-to-eye scale and larger, i.e., posters, car cards, strip film, film, exhibitions, etc. Advanced graphic and photographic technology. Development of prototypes for mass-production techniques. Small research projects will be developed under grants given to the department. Prerequisite: 12 hours of 375 or its equivalent.

**490f-2 to 12 Studio in Product-Shelter Design.** Special projects developed with adjunct and visiting professors.

**490g-2 to 12 Studio in Visual Design.** Special projects developed with adjunct and visiting professors.

**520-4 to 10 Educational Tool Systems.** Designs of specialized instructional tools, including design of learning environments and ancillary support systems for programmed learning.

**530-4 to 12 Studies in the Industrial Process.** Design of products and product systems utilizing contemporary technology for solutions to significant human needs.

**535-4 to 12 Research in Product Design.** Studies of specialized needs or problem areas (i.e., equipment for the handicapped, needs of underdeveloped areas, etc.).

**540-4 to 12 Studies in Communications Design.** Concerned with the over-all systems of human communications, including visual and graphic media.

**545-4 to 12 Research in Communications Design.** Specialized areas of visual and graphic communication extended through various technical systems. Development of related systems involving the whole range of communications included.

**550-2 to 16 Field Study in Design.** Design activity (local, national, or international) carried out with a designated faculty member as liaison. Written report assigned and final report required. All projects must have written approval by the chairman and the liaison faculty member.

**560-4 to 12 Environmental Control.** Selected studies in environ control systems, with particular reference to latest technical advances (i.e., closed ecology and autonomous systems developments) and to contributions in the study of human environment control by other disciplines.

**570-4 to 12 Design Science Exploration.** Procedural methodology and systems approach to comprehensive anticipatory design science.

**575-4 World Ecological Studies.** Review and analysis of man's present socio-economic situation in terms of scientific and technological trending-material and energy resources, human ecology networks.

**576-4 to 8 Structural Evolution.** Structural morphology and relational hierarchies in science and technology. Differentiation and evolution of industrial tool complex: analysis of world service industry networks.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Economics

**408-4 Economic and Business Statistics II.** Techniques for making decisions when the economic conditions are not known with certainty. 3 hours lecture; 2 hours laboratory. Prerequisite: 307 or GSD 110, or GSD 108c, or GSD 114c, or consent of instructor.

**411-4 Collective Bargaining and Dispute Settlement.** Nature, issues, procedures, economic effects. Analysis of actual collective bargaining situations. Prerequisite: 310 or consent of instructor.

**416-4 Money and Banking II.** Emphasis upon the Federal Reserve System and other banking systems. Prerequisite: 315 or consent of instructor (C); 300 (E).

**418-4 Economic History of Europe.** A survey of the economic growth of Europe with emphasis upon the development of European agriculture, industry, finance, and international trade since 1750. Prerequisite: 215, or GSB 211a, or consent of instructor.

**419-4 Latin American Economic Development.** A survey of the resource base of Latin American economic development with special reference to the problems of transition from an export-import to an integrated industrial economy; monetary policies; problems of economic planning. Prerequisite: 215, or GSB 211a, or consent of instructor.

**420-4 Recent Economic History of the United States.** Review and analysis of the chief characteristics, trends, and continuing problems of the economy of the United States in the 20th century. Prerequisites: 215.

**422-4 Introduction to Economic Development.** An analysis of the preconditions, processes, and problems involved in economic development. Both the theory and policy relevant to development, with special emphasis upon the "developing" or "emerging" economies, are stressed. Prerequisites: 215.

**429-4 International Economics.** Intensive treatment of the principles of international economics with special emphasis on the classical and modern theories of international trade. Income effects. Balance of payments adjustments. Prerequisites: 215 or consent of instructor.

**430-4 Regional Economy.** Natural economic regions, governmental action (as in the T.V.A.), local applications. Prerequisites: 215.

**431-3 Public Finance II.** State and local. Prerequisite: 330 or consent of the instructor.

**436-4 Government and Labor.** (Same as Government 436.) Labor relations and legislation considering both constitutional and economic aspects. Prerequisite: GSB 211a,b or consent of instructor.

**440-4 Intermediate Micro Theory.** A more intensive treatment of price theory. Prerequisites: 215 or consent of instructor.

**441-4 Intermediate Macro Theory.** Basic analytical concepts of the modern theory of aggregative income determination. Prerequisites: 205 or 214 or consent of instructor.

**450-6 (3,3) History of Economic Thought.** The development of economic theory. (a) Ancients to 1850; (b) 1850 to present. Must be taken in a,b sequence. Prerequisites: 215 or consent of instructor.

**460-4 Russian Economy.** Development of Russian trade, agriculture, industry, government, finance, and standards of living in successive periods in relation to the historical, geographic, economic, and ideological background. Prerequisite: 215, or GSB 211a, or consent of instructor.

**461-8 (4,4) Comparative Economic Development in Asia.** A comparison of the economies of Japan, India, and China within the framework of emerging economic theory of developing economies (a) Japan from Tokugawa period to the present. (b) Contemporary China and India. Prerequisite: 215, or GSB 211a, or consent of instructor.



**462-4 Economic Development of the Middle East.** Economic structure of the countries constituting the Middle East; economic, political, social and cultural forces influencing development. Prerequisites: 215.

**465-4 Mathematical Economics I.** A systematic survey of mathematical economic theory. Conditions of static equilibrium (including stability conditions), dynamic models using difference equations, and linear production models of input-output analysis and activity analysis (linear programming). Prerequisite: 440 and consent of instructor.

**467-4 Econometrics I.** Introduction to resource allocation under uncertainty. Probabilistic economic models, theory of games and economic choices, and stochastic economic processes. Prerequisite: consent of instructor.

**471-4 Land Resource Economics.** (Same as Forestry 471 and Agricultural Industries 471.) The use of land as an economic variable in production of goods and services; land market; group versus individual conflicts; elementary land resources planning techniques. Prerequisite: 440, or 441, or Agricultural Industries 350, or Forestry 470.

**481-4 Comparative Economic Systems.** Capitalism, socialism, fascism, and other forms of the economy. Prerequisite: 215 or consent of instructor.

**490-4 Workshop in Economic Education.** (Same as Education 490.) Designed to assist elementary and secondary school teachers in promoting economic understanding in the minds of their students through the translation of economic principles and problems into classroom teaching materials.

**500-4 to 8 Economics Seminar.** A study of a common, general topic in the field of economics, with individual reports on special topics. Prerequisite: 206 or 214 and 215, or consent of instructor.

**501-1 to 5 Economics Readings.** Contemporary books and periodicals in economics. Prerequisite: consent of department.

**502-1 to 6 Readings in Resource Economics.** (Same as Forestry 520b and Agricultural Industries 520b.) Directed readings in the field of resource economics. Prerequisite: consent of instructor.

**512-4 Seminar in Labor Institutions.** Evaluation of theoretical, multi-disciplinary approaches to the employment relationship. Wage theory, the labor market, and collective bargaining are placed in the context of industrial relations as a separate discipline and this approach critically examined. Prerequisite: 411.

**517-4 Monetary Theory and Policy.** A survey of contemporary monetary theory and related policy issues. Prerequisites: 315 and 541.

**520-8 (4,4) Economic Development Theory and Policy.** (a) Classical, neoclassical, and modern contributions to the theory of development; theories of underdevelopment. (b) Basic approaches to economic development; laissez-faire; balanced growth; unbalanced growth; role of government; methods of planning; and foreign aid. Must be taken in a,b sequence. Prerequisite: 440, 441.

**522-4 Microeconomic Foundations of Labor Markets.** The approach is theoretical. Topics include the theory of wage and employment determination, labor mobility, labor market imperfections, the special problems of minority group labor, and trade union issues. Prerequisite: 308, 465.

**526-4 Managerial Economics.** (Same as Business Administration 526.) A course in the economics of the firm. Designed to develop a conceptual framework for business decision making with emphasis on demand, costs, prices, and profits. Prerequisites: 214 and 215, or 413, or consent of instructor. Credit may not be earned in both Economics 440 and this course.

**530-4 Foreign Trade.** Emphasis on the advanced theory of international trade, survey of significant literature in international theory. Study of more advanced tools of analysis. Prerequisite: 429 or consent of instructor.

**531-4 International Economics.** Application of theory to current international economic developments. Empirical studies. Prerequisite: 429 or consent of instructor.

**533-4 Public Finance Theory and Practice.** Historical development of public finance theories with analysis of their policy implications. Prerequisite: 330 or consent of instructor.

**540-8 (4,4) Microeconomic Theory I and II.** Prerequisite: to (a) 440 or consent of instructor, to (b) 540a or consent of instructor.

**541-8 (4,4) Macroeconomic Theory I and II.** Prerequisite: to (a) 441 or consent of instructor, to (b) 541a or consent of instructor.

**543-4 Seminar in Economic Policy.** A consideration of departures in the

American economy from the principle of resource allocation by the price system, and an attempt to develop principles of economic policy which could serve as guides in efforts to raise living standards and promote economic growth. Prerequisites: 440 and 441 or consent of instructor.

**552-4 Seminar in Economic Thought.** An exploration of the basic philosophic assumptions which underlie the various types of economic thought with special emphasis upon the historical development of the premises of modern day economic theories. Prerequisite: 450a,b or consent of instructor.

**555-4 Seminar in Economic History.** An examination of the structural economic changes in various economies throughout the world. Prerequisites: consent of instructor.

**562-4 Seminar in Economic Systems.** A final, theoretically-oriented examination of economic systems. Includes recent theoretical models; contemporary changes in major economic systems; the emergence of mixed systems. Relates economic, social, and political systems and evaluates attempts to place economic systems within to context of general systems theory. Prerequisite: 481 or consent of instructor.

**566-4 Mathematical Economics II.** Linear economic models. Linear programming. Input-Output analysis and general equilibrium models. Prerequisite: 440 or 465, or consent of instructor.

**567-4 Econometrics II.** Problems in utilizing multivariate statistical techniques in the testing of complex economic models. Prerequisite: 467, 566, and Mathematics 410c or equivalent.

**570-4 Seminar in Contemporary Microeconomic Theory.** An investigation of recent developments and current controversies in economic theory with emphasis on microeconomic problems. Prerequisite: 550.

**571-4 Seminar in Contemporary Macroeconomic Theory.** An investigation of recent developments and current controversies in economic theory with emphasis on macroeconomic problems. Prerequisite: 551.

**575-4 Economic Regulation.** An analysis of the economic causes and effects of the regulation of agriculture, business, and labor. Prerequisite: 440 or consent of instructor.

**581-4 Economics of Welfare.** The application of economic theory to the quest for economic welfare. Includes consideration of income distribution, rates of growth, the pricing system, and the role of government. Prerequisite: 440 or equivalent.

**582-4 Economic Behavior.** A theoretical and empirical study of the behavioral aspects of economics, including the behavior of firms, households, and government. This course draws upon the recent literature of economics and also, on frontier areas, upon directly relevant concepts and findings of related behavioral sciences. Prerequisite: 440 or equivalent or consent of instructor.

**583-4 Methodological Foundations of Economics.** A systematic analysis of the nature, philosophical content, premises, scope, boundaries, and characteristic methods of economics. The history of economic thought is drawn upon, but major focus is upon the contemporary state of the discipline as well as upon apparent methodological trends. Prerequisites: 440 and 441 or equivalent.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Doctoral Dissertation.** Hours and credit to be arranged by chairman.

## Educational Administration and Foundations

Students who wish to take the following courses at Carbondale need approval by the Department of Educational Administration and Foundations prior to Graduate School program approval: 420, 424, 434, 456, 460, 500, 527, 533, 534a,b, 535, 539, 556.

**431-4 History of Education in the United States.** An historical study of the problems of American education which have relevance to contemporary education.

**432-4 Education and Social Forces.** The role of social and cultural forces in the shaping of educational policy in the United States. Emphasis on voluntary associations, political parties, media and mass communication, cultural traditions, and the operation of social forces in other societies.



**500-4 Research Methods.** Introduction to educational research with practical training in research writing and evaluation techniques in education. Recommended or concurrent enrollment in introductory statistics.

**501-12 (4,4,4) Seminar in Educational Administration.** The interdisciplinary approach to the study of the theory of educational administration. Open to students in approved sixth year and doctoral programs only. Must be taken in a,b,c sequence.

**502-4 Seminar in Comparative Education.** Educational ideas and practices of various countries of the world, both Eastern and Western, and their impact upon our culture and education.

**502s-4 Seminar in Comparative Education: Soviet Russia.** A study of Soviet education in historical, cultural, political, philosophical, and world perspective. Emphasis is on education in Communist morality and the creation of the "New Soviet Man." Includes a consideration of the challenge to American education and the issue of the study of Communism in our schools.

**502v-4 Seminar in Comparative Education: Vietnam.** The Vietnamese educational system. Emphasis on the structure, curriculum, teaching methods, and teacher education programs as reflection of cultural objectives, national goals, and subcultural aims.

**503-4 Seminar in Philosophy of Education.** An interpretation of modern educational problems and trends in the light of basic philosophical viewpoints. Excerpts from the leading philosophical writings are used. Prerequisite: 554 or equivalent.

**504-4 Seminar in History of European Education.** A survey and interpretation of education in Europe from the Greek era to the present. Stresses the relationship of European to American education.

**506-4 Seminar: Curriculum in Relation to American Culture.** The effect of historical movements on curriculum in our nation at all ages and grade levels continued on a more intensive basis as applied to present-day curricular patterns. Prerequisite: 560 or consent of instructor.

**507-12 (4,4,4) The Twentieth Century and Education.** A study of major movements in the contemporary world in terms of their importance for American education. (a) Education and culture, (b) The American way of life, (c) Challenges of the twentieth century.

**508-8 (4,4) Interdisciplinary Seminar in Educational Administration.** Covers basic topics in fields related to Educational Administration. Prerequisite: consent of instructor.

**511-12 (4,4,4) Internship Practicum.** The study of theory and practice in school administration pursued simultaneously by the student in cooperation with a public school and the Department. Prerequisite: consent of the department advisory committee.

**512-3 Workshop in Adult Education.** Problems related to the adult learner, program planning, and methods and materials. For teachers and administrators in adult education programs. Prerequisite: consent of instructor.

**520-8 (4,4) Legal Basis of American Education.** (a) Exploration of principles of law applicable to public schools and school personnel. (b) Illinois school law. Study of the legal aspects of Illinois public education with principle emphasis on statutory law and its interpretation by the courts. Must be taken in a,b sequence.

**524-12 (4,4,4) School Administration.** (a) Basic orientation to the field of school administration and to the legal and extra-legal forces affecting public school operations. (b) An examination of the administrative processes as an approach to viewing school administration. (c) An introduction to administrative theory. Must be taken in a,b,c sequence.

**527-2 to 4 Current Issues in School Administration.** A field laboratory course for principals and superintendents.

**533-4 School Buildings.** Various phases of physical plant design and maintenance of concern to the school administrator.

**534a-4 School Finance.** A study of the principles and issues of Public School Finance. Revenues, expenditures, indebtedness, and fiscal controls are dealt with.

**534b-4 School Business Administration.** Principles and practices governing management of business affairs of a public school system.

**534c-2 to 4 Educational Application of Electronic Data Processing.** A study of electronic data processing as related to the administrative services and instructional areas of educational institutions.

**535-4 Research in Problems of School Administration.** An intensive course for school principals on the theory and principles of administration.

**536a-3 Administrator's Workshop.** A special program for the consideration of administrative problems pertinent to superintendents, high school principals, and elementary school principals.

**539-4 Community Development through the School.** A survey of methods and procedures utilized by school districts in further community development.

**554-4 Contrasting Philosophies of Education.** Deals both historically and contemporaneously with the ideologies which have developed from different concepts and philosophies of education. Prerequisite: 355 or Philosophy 355 or equivalent.

**556-8 (4,4) School Supervision.** (a) The function of the principal or supervisor in the improvement of instruction. Some activities, methods, and devices for improving the effectiveness of teaching. (b) Seminar in educational supervision. Special research problems in supervision for advanced graduate students. Must be taken in a,b sequence.

**560-4 Curriculum.** Modern practices and procedures in curriculum development, with attention to the professional, social, economic, and other major factors, in curriculum planning.

**563-4 School Public Relations.** For administrators, supervisors, and teachers. Analysis and classification of public school news media. Practical experience in writing news releases and feature stories for newspaper and professional magazines.

**564-4 Secondary School Principalship.** (Same as Secondary Education 564.) Deals with problems met specifically by the high school principal. Emphasizes his role in relation to guidance, curriculum, schedule-making, extra-curricular activities, public relations, budgeting of time, etc. Prerequisite: consent of instructor.

**575-1 to 4 Individual Research.** Selection, investigation, and writing of a research assignment under the personal supervision of a graduate faculty member in one of the following areas: (a) curriculum, (b) supervision, (c) buildings, (d) finance, (e) school law, (f) comparative education; (g) history of education, (h) philosophy of education, (i) sociology of education, (j) administration. Prerequisite: consent of instructor.

**576-1 to 4 Readings in Administration and Supervision.** Open only to advanced graduate students. Prerequisite: 501a.

**589-2 to 12 General Graduate Seminar.** (Same as Philosophy 589.) For students having special interests in the history of philosophy and the original systematic development of philosophic ideas. Prerequisite: consent of instructor.

**591-2 Seminar in Social and Philosophical Foundations.** Concurrent with Guidance 590 as part of sequence required of all students who are beginning advanced graduate study for the Doctor of Philosophy degree in education. Prerequisite: advanced standing.

**592-4 Doctoral Seminar in Cultural Foundations of Education.** An integrated seminar in the cultural foundations of education for doctoral students in education. Prerequisite: 591.

**596-5 to 9 Independent Investigation.** Field study required of each student working for the sixth-year specialist certificate.

**599-5 to 9 Thesis.**

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Elementary Education

**401-2 to 4 Problems in Public School Reading.** Requirements: attendance at all sessions of a reading conference, preparation of a paper showing practical applications of theory to the student's own teaching situation.

**410-4 Improvement of Instruction in Arithmetic in Kindergarten-Primary Grades.** Recent findings and current practices in building a basis for quantitative thinking in early childhood education. Special emphasis upon grade placement of content and of techniques to aid children in understanding of the number system. Prerequisite: Mathematics 210.

**411-4 Seminar in Instruction.** To assist student teachers and in-service teachers in solving classroom problems. Involves clinical study and discussion of



behavioral and learning situations, with special attention to the development of characteristics and needs of students.

**413-4 Children's Literature.** Emphasizes types of literature, analysis of literary qualities, selection and presentation of literature for children. Not for students who have had English 213. Prerequisite: Guidance 305.

**415-2 to 4 Improvement of Instruction in Arithmetic in the Elementary School.** Items to be taught, the grade placement of content, newer instructional practices and materials of instruction, and means of evaluating achievement. Prerequisite: Mathematics 210 or consent of instructor.

**423-4 Teaching Elementary School English Language Arts.** Oral and written communication processes, with emphasis on the structure and process of the English language arts. Specific attention to the fundamentals of speaking English, writing, spelling, and listening. Study of learning materials, specialized equipment, and resources. Prerequisite: 314, 316, 337.

**424-4 Teaching Elementary School Social Studies.** Emphasis on the structure and process of social studies. Specific attention to developing social studies objectives, planning units, developing a general teaching model, organizing the curriculum, and evaluating behavioral change. Study of learning materials, specialized equipment, and resources. Prerequisite: 314, 316, 337.

**430-3 Workshop in Creative Writing in the Elementary School.** Techniques of encouraging creative writing in the elementary school.

**431-2 to 4 Education for the Disadvantaged Child.** An understanding of culturally disadvantaged children with emphasis on the nonurban poor. Discussion of necessary adjustments of school programs emphasizing early school admission, experimental background, self-concept, language development, and learning style.

**433-4 Workshop in Kindergarten-Primary Education.** Meets needs of in-service teachers in such areas as curriculum adjustment, remedial teaching, child development, and early childhood education. No credit if student has had 333 or 390.

**435-4 to 8 Workshop in Elementary School Foreign Language Instruction.**

**437-4 Problems in Reading.** Practices and trends in the teaching of reading; materials of instruction in reading, particularly remedial materials; techniques and materials for prevention of reading difficulties; diagnosis and remediation of reading difficulties. Prerequisites: senior standing, 337. Not open to students who have had 505.

**441-4 An Introduction to Teaching Elementary School Science.** Study of content and methods of elementary school science, grades K-8. Emphasis on the materials and strategies for using both traditional and modern techniques of science education. One or more field trips. Prerequisite: 314.

**442-4 Analysis and Design of Elementary Science Curricula and Instructional Strategies.** Analysis of existing science materials with reference to educational philosophy, learning theory, and instructional design. Emphasis on student development of instructional designs and seminars to critique prepared materials. Field trips. Prerequisite: 441 or consent of instructor.

**443-4 Workshop in Social Studies.** Material on critical areas of the world not commonly emphasized in elementary social studies. Areas considered: significant geographical concepts, Asia, Africa, Russia, and Eastern Europe. Outstanding specialists in social science present their specialties.

**445-4 Parent Involvement in Education.** Study of materials, techniques, and resources suitable for use by teachers in helping parents and teachers to understand how they can help each other in the partnership responsibilities of the education of culturally disadvantaged children. Prerequisite: student teaching or consent of instructor.

**465-4 Seminar in Psychology of Elementary School Subjects.** Psychological principles of learning applied to the mastery of materials used in elementary school subjects. Prerequisites: 314, Guidance 305.

**475-2 to 8 Workshop in Elementary Education.** Critical evaluation of innovative programs and practices. Acquaints teachers within a single school system, or a closely associated cluster of school systems, with the philosophical and psychological considerations and methods of implementation of new programs and practices in one of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (g) problems in elementary education, (h) arithmetic, (j) kindergarten-primary, (k) elementary education, (l) administration and supervision. Prerequisite: 314.

**490-2 to 3 Workshop in Economic Education in Elementary Schools.** A study of newer programs stressing economic understandings of the social studies in the elementary school.

**503-9 NDEA Institute in Reading.** Emphasizes newer methods and techniques in teaching reading, research findings and applications, adaptation of methods and techniques to various types of pupils. Critical evaluation of new approaches. Prerequisite: students must be selected in advance.

**505-4 Readings in the Elementary School.** First course in the reading sequence. Survey of reading problems, aspects of the reading process, modern practices in teaching reading.

**507-2 to 4 Readings in Reading.** Independent reading; acquaintanceship with the literature and research in reading. Conference periods. Prerequisite: 505 and consent of instructor.

**509-4 to 8 Practicum in Reading.** For advanced students; teaching demonstrations and evaluations. Each student works with a group of reading disability cases. Prerequisites: 521a,b, and c, and consent of instructor.

**510-4 to 8 Seminar: Problems in Reading.** Major field content seminar: Problems and practices; comprehensive review and evaluation of research and literature. Each student pursues a problem of his own interest.

**514-4 Organization and Administration of Reading Programs.** For reading specialists, principals, supervisors, consultants. Recent trends in elementary and high school reading programs, providing reading instruction for total school population, materials and equipment, in-service training, role of the reading specialist. Problems of class members are studied and discussed. Prerequisites: 461 and 505.

**515-4 Special Problems in the Teaching of Arithmetic in the Elementary School.** A seminar course which covers important problems in arithmetic in the elementary school. Variable content. Prerequisite: 415 or consent of instructor.

**516-4 to 12 Internship in Reading.** Culminating experience for doctoral candidates. Each student supervises reading services in his own or cooperating school. Conference periods. Prerequisites: 521a,b,c and consent of instructor.

**517-2 to 4 Kindergarten-Primary Practicum.** Practical applications of advanced theory in the Laboratory School. Readings and research related to special problems in the kindergarten-primary classroom. Prerequisite: 8 hours of student teaching.

**518-2 Supervision of Student Teachers.** The function of the supervisory teacher in the student teacher situation. Particular attention to the problem of student teaching in the public schools. A course for present and prospective teachers who wish to be more effective in dealing with student teachers.

**519-2 to 4 Readings in Research—Elementary Mathematics.** Independent readings. Acquaintance with the research literature in elementary mathematics. Conference periods. Prerequisites: 415, 515.

**520-4 Diagnosis and Correction of Elementary Mathematics Disabilities.** Causes of mathematical difficulties, observation and instrument procedures, experience in preparing materials for diagnosis and for corrective purposes. Prerequisite: 515 or concurrent registration.

**521-12 (4,4,4) Diagnosis and Correction of Reading Disabilities.** Causes of reading difficulties; observation and interview procedures; standardized tests, instruments, and informal inventories; analysis techniques; experiences in preparing materials for corrective purposes. Each student diagnoses and treats a reading disability case under supervision. Prerequisites: 505, or concurrent registration with 505, and teaching experience.

**525-4 Kindergarten-Primary Seminar.** Exploration of research literature on problems in early childhood education. Each student to select problem or problems and to present paper to the seminar. Prerequisite: Educational Administration 500 or equivalent.

**537-4 Kindergarten-Primary Reading.** A survey of problems in the developmental reading program for the primary grades, followed by extensive study of selected problems. Prerequisite: 337 or consent of instructor.

**541-4 Problems, Trends, and Research in Elementary School Science.** Emphasis upon identifying problems and trends within elementary school science education and planning for research in this field. Prerequisite: 441 or 442 or consent of instructor.

**542-3 to 4 Language Arts in the Elementary School.** The practical bearing of investigation and theory on the improvement of current practices in the



teaching of the language arts other than reading. Attention given to evaluation of teaching materials in these areas.

**543-4 Teaching the Social Studies in the Elementary School.** Organization of material for teaching purposes, techniques of classroom presentation, bibliographies or materials, use of audio and visual aids to instruction, and techniques for evaluating student progress. Readings, lectures, and discussions related to required teaching experience.

**557-4 The Elementary Principalship.** Designed to meet many of the particular needs of persons interested in qualifying for appointments as elementary school principals. Other than the administrative responsibilities of the elementary principal, such topics as the grouping of pupils, the elementary school's program, and personnel are studied.

**558-3 to 4 Leadership in Elementary Education.** A study of some newer developments in the organization and instruction of the elementary school. Team teaching, a non-graded school, grouping and the impact of newer curricular developments.

**559-4 Workshop in Instructional Leadership.**

**560-4 Kindergarten-Primary Education.** A survey of current problems and practices in early childhood education for children from four to eight years of age, with emphasis on wide reading in current research literature. Prerequisite: consent of instructor.

**561-4 The Elementary School Curriculum.** A critical study of the reorganization, construction, and administration of the elementary school curriculum, and the installation, adaptation, and administration of the revised curriculum.

**563-4 Organization of the Elementary School.** An analysis of types of elementary school organization with special attention to influence of school organization upon the educational program. Application of research findings to selection and use of materials of instruction. Special consideration to student's professional problems.

**564-4 to 12 Internship in Elementary Science Education.** For elementary school (K-8) specialists in science education. A minimum of fifteen hours per week for one quarter will be spent in an elementary or middle school. Weekly campus or school-site seminars will be held. Prerequisite: 442 and 541, or consent of instructor.

**570-2 to 4 Seminar, Research in Elementary Education.** Critical analysis of the most significant research studies in organization, learning, teaching, and curriculum in the elementary education.

**575-2 to 4 Individual Research.** The selection, investigation, and writing of a research topic, under the personal supervision of a member of the departmental graduate staff, in one of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (g) problems in elementary education, (h) arithmetic, (j) problems in kindergarten-primary, (k) elementary education administration and supervision.

**596-5 to 9 Independent Investigation.** Field study required of each student working for the sixth year specialist certificate. The work should be done in the setting of a school system where the student is employed or where full cooperation is extended. The study involves selecting of the problem, survey of pertinent literature, recording of results, and appropriate interpretations and summarizations.

**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.  
**600-1 to 48 Dissertation.** Minimum of 36 hours for the Doctor of Philosophy degree.

## Engineering

**401-9 (3,3,3) Principles of Propulsion.** (a) The basic principles of propulsion dynamics. (b) The thermodynamics of fluid flow and application to propulsion engines. (c) An extensive treatment of the technological problems in the design of propulsion systems. Must be taken in a,b,c sequence. Prerequisite: 300a,b,c and 313.

**406-3 Introductory Wave Motion.** Wave motion in strings, bars, and fluids. Fourier methods. Electromagnetic waves. Prerequisite: Mathematics 252b.

**409-3 Engineering Hydrology.** Hydrologic cycle, hydrograph analyses, infiltration studies, groundwater exploration. Statistical analyses, flood routings. Mechanics of entrainment, movement and deposition of sediment material

- by moving fluids; analysis of roughness and sediment transport rate in rivers. Prerequisite: 313b.
- 412-9 (3,3,3) Engineering Practice.** (a) Written communication encountered in engineering organizations, correspondence, memoranda, technical papers, specifications, and reports. Lectures, conferences, and frequent written assignments are adapted to the individual needs of each student. (b) The law of contracts with enough emphasis on legal procedure to enable students to understand decided cases. Practice in applying some of the principles. (c) Engineering data evaluation by application of statistical techniques. Design of engineering experiments. Prerequisite: 222 and Mathematics 252a.
- 413-6 (3,3) Intermediate Mechanics of Fluids.** (a) Application of the basic laws of nature to the theory of fluids using the continuum approach. Kinematics of fluid motion using various coordinate systems; and continuity equation. Dynamics of viscous fluid motion; the Navier-Stokes and Energy equations. Solutions to the fundamental system of equations. (b) Introduction to magnetofluid mechanics. Dimensional analysis. Incompressible irrotational flows. Fundamentals of compressible fluid and isentropic flows, normal and oblique shocks, and Prandtl-Meyer expansions. Turbulence. The application of the equations of motion to turbulent flow fields. Reynolds equations. Production, convection, and dissipation of turbulence. Prerequisite: 313a,b and Mathematics 305a.
- 415-9 (3,3,3) Principles of Water Quality Control.** (a) Characteristics of water quality, natural and man-made; relationship of quality to use; unit operations of water quality control for municipal and industrial use. (b) Characteristics of waste waters; biological and chemical processes for treatment of sewage and industrial wastes; water quality criteria in stream pollution control. (c) Application of physical, chemical, and biological unit operations and processes to design of waste treatment facilities. Laboratory. Prerequisite: Chemistry 121 and Mathematics 150, or equivalent.
- 415-9 (3,3,3) Principles of Water Quality Control.** (a) Analysis and treatment of water, sewage and industrial wastes. Laboratory. (b) Thermodynamics, fluid dynamics, and engineering unit operations and processes for the treatment of water and wastewaters. (c) Biology and biochemistry applied to the analysis and treatment of water and wastewaters. Prerequisite: Chemistry 121b and consent of instructor.
- 416-6 (3,3) Air Pollution Control.** (a) Introduction to emission sources, transport, diffusion, and effect of air pollution. Aspects of social, meteorological, biological, physiological, and chemical relationships plus control methods and economics included. Laboratory. (b) Engineering control theory, procedures, and equipment related to particulate and gaseous emissions control. Source and atmospheric sampling, and analytical techniques covered. Laboratory.
- 417-3 Fundamental Compressible Fluid Flow.** Principles of fluid flow. Wave propagation in compressible media, isentropic flow of a perfect gas, normal and oblique shock waves, Prandtl-Meyer expansions, and supersonic aerodynamics. Prerequisite: 313a,b.
- 420-9 (3,3,3) Transport Phenomena.** (a) Mechanism of heat, mass and momentum transport on both molecular and continuum basis. Estimation of transport properties. Generalized equations of transport in one or three dimensional system. (b) Interphase transport in isothermal and nonisothermal systems. Unsteady state transport problems in multicomponent systems. Mechanism reaction analysis. Analogy of mass, heat, and momentum transfer. (c) Macroscopic balances, diffusion operations, penetration theory, simultaneous mass and heat transfer, equilibrium operations. Prerequisite: 302a and 313b.
- 421-3 Introduction to Systems Theory.** Description of physical systems and analysis of system properties and system interaction using a generalized mathematical model. Prerequisite: Mathematics 305b.
- 422-4 Operations Research and Mathematical Model Formulation.** Applications of digital computers to the mathematical modelling of physical systems with particular emphasis on the simulation and problem solving techniques of operations research. Dynamic models of transportation, allocation, and replacement. Physical applications and computation techniques related to the theory of games. Prerequisites: 222 and Mathematics 150b or consent of instructor.
- 423-3 Hybrid Computation.** The simultaneous use of the analog and the digital computer for the solution of engineering problems. Scaling of problems.



Block diagrams and logic are stressed. Linear and nonlinear differential equations. Simulation as well as iterative analog computation are covered. Prerequisite: 222, 432 or equivalent.

**426-3 Communications Theory.** Fourier spectral analysis, sampling theory, modulation, multiplexing, random signal theory, signal-to-noise ratio, and basic information theory. Prerequisite: 336-4.

**430-2 to 8 Special Problems in Industry and Technology.** Special opportunity for students to obtain assistance and guidance in the investigation and solution of selected technical problems. Prerequisite: consent of instructor.

**431-6 (3,3) Analog and Digital Computer Design.** Introduction to the design of analog and digital computers. Subject includes: operational amplifiers, multiplying circuits, regulated power supplies, 3 column algebra, switching circuits, memory devices. Not a course in programming. Prerequisite: 336.

**432-3 Analog Computation in Engineering Design.** An introduction to the theory and operation of an analog computer. Applications to engineering design, simulation, and optimization. Laboratory. Prerequisite: Mathematics 305a.

**434-4 Electronic Design.** Applications of electronic circuits including wide band amplifiers, oscillators, modulation and detection, power amplifiers and digital circuits. Device models studied include high frequency,  $y$  parameter, T-equivalent, and Beaufoy-Sparkes charge control. Introduction to computer-aided techniques. Laboratory. Prerequisite: 336.

**436-3 Control Theory.** Develops and makes use of the students' knowledge of electrical systems. Topics include Laplace transforms, stability conditions, compensation techniques, and state variables. Prerequisite: 439a.

**437-4 Microwave Theory and Measurements.** Theory of passive microwave devices for guiding, storing, coupling, or radiating electromagnetic energy. Theory of active and non-linear devices including klystrons, circulators, and isolators. Microwave measurements. Prerequisite: 338.

**438-3 Electronic Devices.** Semiconductor, magnetic, dielectric, and vacuum devices with wide range of engineering applications. Develops understanding of the mechanisms of operation. Prerequisite: senior standing.

**439-6 (3,3) Transient Analysis and Network Theory.** (a) Transient analysis of linear electric networks and analogous systems by means of differential equations and Laplace transforms. (b) One- and two-port networks, reactive, ladder, T and Pi networks, Foster and Cauer forms, and  $m$ - and  $k$ -derived filters. Prerequisite: 336.

**440-6 (3,3) Structures.** (a) Analysis of statically determinate and statically indeterminate structures. Deflections. Slope deflection. Moment distribution. Model analysis. (b) Principles of structural design. Loads. Influence diagrams. Factor of safety. Structural materials. Structural requirements. Types of structures and their behavior. Must be taken in a,b sequence. Prerequisite: 311a.

**441-6 (3,3) Intermediate Mechanics of Vibrations.** (a) Equations of motion applied to systems with free and forced vibrations, damping, and multiple-degrees of freedom; Euler equations; introduction to Lagrange's equations and orbital mechanics. (b) Lograngian equations for conservative and non-conservative systems; eigenvalues and natural modes; numerical methods for eigenvalue determination in higher order systems; special functions.

**442-4 Structural Design-Metal.** Rational, empirical, and practical basis for design of metal structures with emphasis on structural steel and aluminum. Behavior of members and their connections. Prerequisite: 440a or consent of instructor.

**443-6 (3,3) Engineering Design.** Projects. Student selects a problem, defines and designs the various subsystems and interface requirements, integrates the subsystems into the final design, and documents the design effort. Laboratory. Must be taken in a,b sequence. Prerequisite: senior standing in engineering.

**444-4 Design of Reinforced Concrete.** Ultimate strength and behavior of reinforced concrete members. Prerequisite: 440a,b.

**446-6 (3,3) Energy Conversion.** Theory of energy conversion devices and processes. Conventional rotating machines, and direct energy conversion devices such as photovoltaic, thermoelectric, and thermionic generators, fuel cells, and magneto hydrodynamic generators. Present development and application, future potential. Prerequisite: 335, 338.

**447-3 Intermediate Mechanics of Materials and Structures.** Stress and strain at a point in three dimensions. Theory of elasticity. Shear center; unsym-

metrical bending; curved beams; elastic foundations; thick walled cylinders; theory of failures; energy methods. Prerequisite: 311a.

**448-4 Experimental Stress Analysis.** Theoretical and experimental methods of determining stresses and strains; use of optical, electrical, and mechanical instrumentation; relation of modeling and prototype; brittle coating; electrical resistance gages; photo-elasticity. Prerequisite: 311a.

**449-3 Intermediate Dynamics.** Kinematics and kinetics of three-dimensional motion; Coriolis' acceleration; rigid body motion; central force motion; gyro dynamics; generalized coordinates; Euler's equations of motion; Lagrange's equations. Prerequisite: 260c.

**450-4 Fundamentals of Reactive Systems.** Chemical processes, stoichiometry, properties of gases, solution chemistry, modern techniques of analysis, surface chemistry. Non-ideal systems, rates and mechanisms of industrial processes. Instrumentation and process control. Laboratory. Prerequisites: 300a and Chemistry 111b,c, or consent of instructor.

**455-3 Engineering Geology.** (Same as Geology 455.) Engineering problems encountered by man in dealing with geology and ground water. It will include studies of earthquake effects, land subsidence, landslides, pore water pressures, and methods of coping with these. Field trip required. Prerequisite: Geology 220 or consent of instructor.

**458-3 Photoelasticity.** Optics related to photoelasticity, theory of photoelasticity, photoelastic model materials, analysis techniques, three-dimensional photoelasticity, birefringent coatings, application of photoelasticity methods. Prerequisite: 448 or consent of instructor.

**462-6 (3,3) Matrix Methods in Structural Analysis.** (a) Review of matrix algebra. Displacement method of analyzing trusses, continuous beams, and rigid frames with and without sidesway. (b) Force method of analysis. Direct element method of analyzing trusses, rigid frames, and plane grids. Prerequisite: 311a.

**463-6 (3,3) Introductory Instrumentation.** (a) Characteristics and techniques in analog and digital instrumentation; transducers; signal conditioners; output and display systems; recorders. Laboratory. (b) Ultrasonic techniques; fringe patterns, Fresnel and Schlieren lenses, Moire patterns, pattern enhancement methods, optical systems. Laboratory. Must be taken in a,b sequence. Prerequisite: 336.

**464-3 Intermediate Materials Science.** Internal structure, treatment, and properties of metals and intermetallic compounds. Theory of dislocations in metals. Plastic flow, phase transformations, martensitic transformation, and X-ray diffraction identification of metallic phases. Prerequisite: 311c.

**466-4 Prestressed Concrete.** Theory and design of prestressed concrete simple beams, continuous beams and shells. Deflections. Behavior. Prerequisite: 311c.

**480a,b,c (3,3,3) Engineering Process Design.** (a) Design of process equipment. Application of the fundamentals of conduction, convection, and radiation heat transfer. Combined mode and transient heat transfer. Design of equipment using simultaneous heat and mass transfer. (b) Design of process equipment. Application of the fundamentals of diffusion and mass transfer operations. Multicomponent systems and stagewise operations. (c) Original design of a process and determination of process variables and equipment. Analysis of construction cost. Prerequisite: 313a, 300a,b.

**500-3 Convection Heat Transfer.** Forced convection momentum and heat transfer in tubes and over external surfaces. Laminar flow and turbulent flow. Prerequisite: 420a, 431a, or consent of instructor.

**501-3 Radiation Heat Transfer.** Fundamentals of thermal radiation for diffuse and specular-diffuse systems. Applications to engineering systems. Prerequisite: Mathematics 305.

**502-3 Conduction Heat Transfer.** Principles of conduction heat transfer with emphasis on applications to engineering systems. Steady state and transient conduction using classical methods and numerical and analog computation.

**503-6 (3,3) Heating and Cooling Systems.** (a) The applications of heating and cooling to engineering systems. (b) The design of various systems, including automatic controls. May be taken in any sequence.

**510-9 (3,3,3) Electromagnetic Fields.** Static boundary value problems; conformal transformation; Schwartz-Christoffel transformation; harmonics; application of Maxwell's equations to plane waves in dielectrics and conductors, antennas, and radiation. Prerequisite: consent of instructor.

**511-6 (3,3) Quantum Electronics.** An introduction to quantum theory with



applications taken from the field of electronics. A study of plasmas, fusion, atomic structure, superconductivity from a theoretical engineering view. Prerequisite: consent of instructor.

**512-8 (4,4) Continuum Mechanics.** (a) Definition of a tensor. Tensor algebra, special tensors, tensor derivatives, differential geometry, kinematics and dynamics. Tensor quantities in continuum mechanics, stress, strain. (b) Measures of stress and strain. Equations of equilibrium, constitutive equations, compatibility equations. Strain energy functions, linear theory of classical elasticity, special examples, stress functions and general four-function method. Prerequisite: Mathematics 305.

**513-3 Mechanics of Viscous Fluids.** The complete system of equations for laminar flow of a viscous fluid using the continuum approach, the stress and rates-of-deformation tensors, exact solutions to various boundary value problems, creeping motion, boundary layer theory, introduction to hydrodynamic stability, Orr-Sommerfeld equations, statistical theories of turbulence. Prerequisite: 413a,b or consent of instructor.

**514-3 Mechanics of Inviscid Fluids.** A study of stream functions, the velocity potential, Euler equations, Bernoulli equations, various solutions to Laplace's equation, added masses, Taylor theorem, Blasins and Legally theorems, two-dimensional irrotational flows, Cauchy-Riemann equations, conformal mapping, vortex flow, thin airfoil theory, and free-streamline flows. Prerequisite: 413a,b or consent of instructor.

**515-3 Wave Motion in Fluids.** A study of surface waves in liquids, group velocity and dispersion, shallow water waves, wave makers, sound waves, the method of characteristics, waves in a gas of variable density, shock waves, waves in a rotating fluid. Prerequisite: 413 a,b or consent of instructor.

**516-8 (4,4) Water Resources Development.** (a) Engineering aspects of porous reservoir systems. Solid reservoir structure. Porous medium physics. Description of reservoirs. Reservoir fluids including physics and chemistry of water and hydrocarbons. (b) The performance of reservoir systems including reservoir flow with such topics as potential theory, well hydraulics, and basin-wide interactions.

**517-12 (4,4,4) Analysis and Design of Engineering Systems.** (a) Application of general system concepts to wide range of physical and engineering processes. Emphasis on variable flow of matter, energy, entropy, and information directed toward predicting performance for specified designs. Introduction of central theme of functional reticulation into multiported elements. Systematic study of relations and interactions in terms of logical operations, transformations, matrices, ordinary and partial differential equations, signal flow graphs, block and bond diagrams, analogies, and computing systems. Lectures and problems work cover electrical, mechanical, fluid, thermal, chemical, nuclear and biological systems. (c) Emphasis on the synthesis and design of systems assembled from multiported primitives to accomplish specific tasks and functions. Particular attention given to the use of analog and digital computers as electronic models for studying alternative designs and modes of operation. Lectures and problems dealing with stochastic processes and variables in both frequency and time domains, and with stationary and nonstationary parameters. Substantial portion of time allotted to original studies on a team basis using available electronic computers. (c) Advanced engineering systems designs. Prerequisite: graduate standing.

**518-3 Introduction to Turbulence.** Application of the basic equations of motion to turbulent flow problems. Introduction of the correlation concept along with the macro- and micro-scale of turbulence. Isotropic turbulence. Methods and techniques used in the experimental study of turbulence. Prerequisite: 413a,b or consent of instructor.

**519-3 Boundary Layer Theory.** Boundary layer equations. Laminar and turbulent boundary layers. Classical turbulent flow theories. Two and three dimensional wake and jet flows. Prerequisite: 413a,b or consent of instructor.

**520-6 (3,3) Reaction Engineering and Rate Processes.** (a) Chemical kinetics of homogeneous and heterogeneous reactions. Kinetic theories, mechanism and mathematical modeling. Interpretation of kinetic data. (b) Introduction of reactor design. Ideal reactors for batch and flow system. Design for multiple reactions. Temperature and pressure effects. Nonisothermal and nonadiabatic processes. Prerequisite: 420 or consent of instructor.

**522-3 Advanced Topics in Operations Research.** Linear programming com-

putational techniques and their applicability to particular operations research models. Topics include the approximation methods, forecasting and optimization techniques, constrained and bounded problems. Problem solution by use of a digital computer is emphasized. Prerequisite: 422.

**525-3 Small Particle Phenomena.** Small particle formation, behavior, properties, emission, collection, and analysis. Includes atomization, combustion, transport of suspensions, filtration, light scattering. Prerequisite: graduate standing.

**530-6 (3,3) Separation Processes and Equilibrium Operations.** (a) Phase equilibrium, multistage calculations in concurrent and counter-current operations, graphical methods, unsteady state stagewise operations. (b) Multi-component systems, solution chemistry, nonideality in phase equilibrium, rate separation processes, applications in processing industry. Prerequisite: consent of instructor.

**535-6 (3,3) Network Analysis and Synthesis.** Advanced analysis and synthesis of electrical networks. Driving point impedance and transfer functions; properties and testing of positive real functions; Hurwitz polynomials; Foster's and Cauer's driving point synthesis of RL, RC, LC networks. Synthesis using methods of Brune, Bott and Duffin, Darlington, approximation problems and techniques, two part synthesis for ladder lattice and constant resistance filters, Butterworth and Chebyshev filters. Prerequisite: 439a or consent of instructor.

**542-3 Theory of Plates.** Analysis of bending, buckling, and vibration of plates of various shapes; slabs and membranes; complex variables method; linear and non-linear behavior; refined theories; theory of bending of anisotropic and nonhomogeneous plates. Prerequisite: Mathematics 305, or 407, or consent of instructor.

**540-3 Elastic Stability.** Bending of bars under simultaneous action of axial and lateral loads; buckling of compressed bars, frames, rings, and tubes; lateral buckling of beams; torsion of I beams; buckling of thin plates. Prerequisite: Mathematics 305, or 407, or consent of instructor.

**544-4 Plastic Analysis of Structures.** Methods of analysis, elastic-plastic deformations, general loading, and direct procedures of design. Two lectures per week covering the basic principles. Independent study. Prerequisite: 311a,b.

**550-3 Advanced Compressible Fluid Flow.** Compressible fluid flow in topics such as: supersonic aerodynamics; flow with friction; heat addition or heat loss; real gas effects; method of characteristics; rarefied gas dynamics; and multidimensional flow.

**561-6 (3,3) Advanced Vibrations.** (a) Emphasis on nonlinear vibrations. Topics to include phase plane, nonlinear conservative systems, problem of rotating pendulum limit cycles of Poincaré, van der Pol equation, method of isoclines. (b) Liapounov stability criteria, bifurcation theory, perturbation methods, almost periodic oscillations, asymptotic methods for autonomous and non-autonomous systems. Prerequisite: Engineering 441, Mathematics 305b.

**570-2 to 6 Special Investigations.** (Same as Applied Science 570.)

**580-1 to 9 Seminar.** (Same as Applied Science 580.)

**599-1 to 9 Thesis.**

## Engineering Technology

**426-9 (3,3,3) Photogrammetry.** (a) Cameras and photography; flight planning; mathematical principles of vertical and tilted aerial photographs; ground control methods; extension of control; stereoscopy and parallax; basic instruments, stereo plotters, and latest developments. (b) Rectification of tilted photographs; stereoscopic plotting instruments; principles and use of oblique photography; analytic photogrammetry and new concepts. (c) Analysis of aerial photographs to determine soil and rock formations and their properties; interpretations for engineering and regional planning purposes. Laboratory. May be taken in a,b or a,c or a,b,c sequence. Prerequisite: 363 or consent of instructor.

**430-2 to 8 Special Problems in Industry and Technology.** (Same as Applied Science 430.)

**437-9 (3,3,3) Industrial Electronics and Communications.** (a) Design of matching networks, impedance admittance locus diagrams, transmission line equations, transmission line charts, stub matching. (b) Electromagnetic fields in rectangular and circular wave guides, microwave techniques, antennas. (c)



Unified treatment of various types of transmission systems with emphasis on the role of system bandwidth and noise in limiting the transmission of information. Prerequisite: 303.

**440-8 (4,4) Design and Analysis of Industrial Organizations and Productivity.** Case studies of industrial production methods and the process of industrial decision making; determinants of manpower utilization; transfer and processing of information; determinants of productivity levels. Prerequisite: consent of instructor.

**465-8 (4,4) Industrial Safety.** (a) Basic fundamental principles of industrial accident prevention; significant accident statistics and costs; appraising safety performances, industrial plant hazards and safeguards; fire control fundamentals. (b) Effective industrial safety organizations, management and supervision; industry safety psychology; safety training programs; industrial hygiene programs; health safeguards; occupational diseases and other industrial hazards.

**526-9 (3,3,3) Surveying and Photogrammetry.** (a) Advanced engineering measurements. Measurement systems; analysis of errors and error propagation; adjustment of condition measurements by the method of least squares and other methods. Prerequisite: consent of instructor. (b) Geodesy. Study of the effect of curvature of the earth on surveying methods and calculations; figure of the earth; isostasy; magnetic properties of the earth; satellite geodesy; precise methods of surveying and leveling. (c) Land surveying and map projections. The theory of map projections; state coordinate systems; United States Public Land Systems; legal aspects of property boundaries; modern subdivision methods. Prerequisite: consent of instructor.

**527-9 (3,3,3) Transportation and Highway Engineering.** (a) Traffic engineering. City and highway traffic surveys and designs. Accidents, congestion, delay, speed, volume, density, parking, channelization, lighting, traffic control, and routing. Signs signals, and markings. Urban traffic consideration in city planning Driver habit patterns and reactions. (b) Airport design. Problems encountered in planning, design, construction and maintenance of large airports. (c) Advanced Highway Engineering. Highway planning and economics, geometric design, bituminous materials. Soil stabilization. Prerequisite: consent of instructor.

## English

**400-4 Introduction to English Linguistics.** Methods of structuralizing: phonetics, phonemics, morphemics, syntax. Especially recommended for students preparing to teach English to native speakers.

**402-4 Old English Literature in Translation.** A study of prose selections from Bede, Aelfric, and other writers, and of poetry from the simplest riddles and gnomic verses to the complex forms of the Caedmonic and Cynewulfian schools, the elegaic poems, and *Beowulf*. Emphasis is on the literary and cultural significance of works studied.

**403-4 History of the English Language.** A survey of the development of the language from Indo-European to modern English with special emphasis on Middle and Early Modern English changes.

**404-12 (4,4,4) Middle English Literature.** (a) Middle English literature excluding Chaucer; (b) Chaucer: early poems and *Troilus*; (c) Chaucer: *Canterbury Tales*. May be taken singly.

**412-16 (4,4,4,4) English Nondramatic Literature.** (a) 16th century, (b) 17th century, (c) The Augustan Age, 1660-1744, (d) The Age of Johnson, 1744-1798. May be taken singly.

**418-4 English Literature, 1885-1914.** Poetry, drama and fiction of the later Victorian and early modern period.

**420-8 (4,4) American Poetry.** (a) Trends in American poetry to 1900 with a critical analysis of the achievement of the important poets, (b) the important poets since 1900. May be taken singly.

**421-16 (4,4,4,4) English Poetry.** (a) Early Romantics: major emphasis on general background and on Blake, Coleridge, and Wordsworth; (b) later Romantics: emphasis on Byron, Shelley, and Keats, the minor figures; (c) Victorian poets: Tennyson, Browning, Arnold, and other poets of England, 1830-1900; (d) modern British poets. May be taken singly.

**425-4 Modern Continental Poetry.** Representative poems by the major 20th century poets of France, Italy, Germany, Spain, Russia, and Greece.

- 431-12 (4,4,4) **Major American Writers.** Significant writers of fiction and nonfictional prose from the Puritans to the 20th century: (a) 1620-1800, (b) 1800-1865, (c) 1865-1915. May be taken singly.
- 438-4 **Intellectual Backgrounds of American Literature.** The relationship of basic ideas in America to American literature.
- 442-4 **Romantic Prose.** Fiction of Austen Scott, Mary Shelley, Peacock, the Gothic novelists; prose of Lamb, Landor, Hazlitt, DeQuincey; criticism, journals and letters.
- 443-4 **Victorian Prose.** The chief writers of nonfictional prose from the late Romantics to 1880.
- 454-12 (4,4,4) **English Fiction.** (a) 18th century: Defoe through Jane Austen, (b) Victorian novel: 1830-1880, (c) 20th century. May be taken singly.
- 456-4 **Modern Continental Fiction.** Selected major works of European authors such as Mann, Silone, Camus, Kafka, Malraux, Hesse.
- 458-8 (4,4) **American Fiction.** (a) The novel in America from its beginning to the early 20th century, (b) trends and techniques in the American novel and short story since 1914. May be taken singly.
- 460-16 (4,4,4,4) **British Drama.** (a) Elizabethan drama: from the beginning of the drama in late Middle Ages through its flowering in such Elizabethan playwrights as Greene, Peele, Kyd, Marlowe, Heywood, Dekker, but excluding Shakespeare; (b) Jacobean drama: the Jacobean and Caroline playwrights: Jonson, Webster, Marston, Middleton, Beaumont and Fletcher, Massinger, Ford, Shirley; (c) Restoration and 18th century drama: after 1660, representative types of plays from Dryden to Sheridan; (d) Modern British drama.
- 464-4 **Modern Continental Drama.** The continental drama of Europe since 1870; representative plays of Scandinavia, Russia, Germany, France, Italy, Spain, and Portugal.
- 468-4 **American Drama.** The rise of the theater in America; with readings of plays, chiefly modern.
- 471-8 (4,4) **Shakespeare.** (a) The plays before 1600. (b) The plays of 1600 and later. Readings on the life of Shakespeare, the theater, and the acting companies. May be taken singly.
- 473-4 **Milton.** Reading of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, minor poems, major treatises.
- 485-4 **Problems in the Teaching of English.** Aims, methods, materials, tests, programs, and other aspects of English instruction in the high school.
- 486-2 to 8 **Workshop in High School English.** Intensive study in lectures, laboratory, and conferences, on the teaching of English in high school. Curriculum, materials, methods, aims.
- 487-2 to 8 **Workshop in Junior High School English.** Intensive workshop study in lectures, laboratory, conferences on the teaching of English in junior high school. Curriculum, materials, methods, and aims. Directed by competent authorities in the field.
- 492-8 (4,4) **Professional Writing II.**
- 493-4 **Special Problems in English.** Topics vary and are announced in advance; both students and faculty suggest ideas. May be repeated for a maximum of eight quarter hours provided registrations cover different topics. Prerequisite: consent of instructor.
- 494-4 **Literature in Society.** An analysis of the structure and function of literature as a social institution.
- 495-8 (4,4) **Literary Criticism.** (a) History of criticism: ideas and techniques from Aristotle to the end of the 19th century, (b) modern criticism: recent critics and critical attitudes, and practice in writing criticism. Open only to seniors and graduate students.
- 497-12 (4,4,4) **Senior Honors Seminars.** (a,b) Topics will vary yearly. (c) Honors readings. Enrollment restricted to undergraduates. Departmental approval required.
- 499-2 to 6 **Readings in English.** For English majors only. Departmental approval required. No more than four hours may be taken in any one quarter.
- 500-2 **Materials and Methods of Research in English.** The principal tools of literary scholarship and the more important studies and journals. Practice in the preparation of selective bibliographies and scholarly reports.
- 501-4 **Old English Grammar.** The development of the forms, the grammar, and readings.
- 502-4 **Beowulf.** Readings of the poem and study of its form, language, and history. Prerequisite: 501.



- 506-4 Old Norse.
- 508-4 to 12 Studies in Chaucer. Prerequisite: consent of department.
- 509-4 to 12 Studies in Middle English Literature. Prerequisite: consent of department.
- 511-4 to 12 Studies in the Renaissance. Prerequisite: consent of department.
- 513-4 to 12 Studies in 17th Century Literature. Prerequisite: consent of department.
- 514-12 to 24 Studies in Restoration and 18th Century Literature. (a) Restoration literature. (b) Early 18th century literature. (c) Later 18th century literature. Prerequisite: consent of department.
- 518-4 to 12 Studies in English Literature, 1885-1914. Prerequisite: consent of department.
- 519-4 to 12 Studies in Contemporary British Literature. Prerequisite: consent of department.
- 520-4 to 12 Studies in Romantic Writers. Prerequisite: consent of department.
- 521-4 to 12 Studies in Victorian Poetry. Prerequisite: consent of department.
- 524-4 to 12 Studies in the Metaphysical Poets. Prerequisite: consent of department.
- 532-4 to 12 Studies in American Transcendentalism. Prerequisite: consent of department.
- 534-4 to 12 Studies in Early 19th Century American Writers. Prerequisite: consent of department.
- 536-4 to 12 Studies in Later 19th Century American Writers. Prerequisite: consent of department.
- 537-4 to 12 Studies in 20th Century American Writers. Prerequisite: consent of department.
- 538-4 to 12 Problems in American Literature. Prerequisite: consent of department.
- 543-4 to 12 Studies in Victorian Nonfiction Prose. Prerequisite: consent of department.
- 555-4 to 12 Studies in the Victorian Novel. Prerequisite: consent of department.
- 560-4 to 12 Studies in Renaissance Drama. Prerequisite: consent of department.
- 566-4 to 12 Studies in Shakespeare. Prerequisite: consent of department.
- 579-4 to 16 Studies in Modern Literature. Prerequisite: consent of department.
- 580-4 Traditional Themes. Persistent themes and legends in literature—King Arthur, Faust, Utopia, and the like. Prerequisite: consent of department.
- 581-12 (4,4,4) Problems in Teaching English. (a) Composition. (b) Linguistics. (c) Literature. Prerequisite: consent of department.
- 585-2 Teaching College Composition. Objectives, methods, and materials for the course; observation; and practice under supervision. Prerequisite: consent of department.
- 593-4 Special Problems in English. Topics vary and are announced in advance; both students and faculty suggest ideas. May be repeated for a maximum of twelve quarter hours provided registrations cover different topics. Prerequisite: consent of instructor.
- 594-8 (4,4) Studies in Literary Form and Symbolic Action. Prerequisite: consent of department.
- 596-4 Stylistics. Defines style and its workings throughout literary history, applies the methods of modern analyses to literary works in English, shows how natural and artificial modes (genre and period definitions, metre, etc.) relate to literary artifacts and to the situation of the work of art vis a vis the civilization that engendered it.
- 598-1 to 6 (1 to 3, 1 to 3) Review of English and American Literature. Restricted to master's degree students.
- 600-1 to 48 Dissertation.

## Family Economics and Management

- 407-2 to 8 Workshop. Aids workers in professions related to family economics and management. Emphasis will be stated in the announcement.
- 423-4 Advanced Family Housing. Further appreciation and understanding of aesthetic, economic, psychic, and social factors influencing choice of family housing today. Prerequisite: 323 or consent of instructor.

**424-4 Selection, Use, and Care of Appliances.** Materials used in equipment, methods of construction, and principles of operation of appliances for cooking, refrigeration, laundering, cleaning; selection, operation, and care of appliances to obtain maximum satisfaction in use. Offered on demand. Prerequisite: 324 or consent of instructor.

**435-4 Work Simplification in Home Management.** Basic scientific work simplification principles applied to work done in the home by full-time, employed or physically handicapped homemakers.

**471-2 to 6 Field Experience.** Opportunity for supervised learning experiences in selected areas. Prerequisite: consent of chairman of department.

**481-2 to 6 Readings.** Supervised readings for qualified students. Prerequisite: consent of instructor and chairman.

**500-4 Research Methods.** Scientific method and basic techniques in home and family research as applied to the collection, analysis, and interpretation of data. Prerequisite: Guidance 505.

**540-4 Trends in Consumer Problems.** Social, legal, and economic problems that pertain to the consumer. Selection of individual problems for investigation. Prerequisite: 341 or equivalent.

**550-4 Advanced Home Management.** Readings, observations, projects, and discussions. Emphasis on time, money, energy, and family relations. Prerequisite: 331 and 332 or equivalent.

**571-4 Recent Research.** Review of research in home economics and related fields. Sources include colleges, universities, and governmental and industrial agencies. Offered on demand.

**572-2 to 8 Special Problems.** For students recommended by their chairman and approved by the head of the department and the instructor in charge for independent work or directed study.

**599-2 to 9 Thesis.**

**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Finance

**421-4 Management of Business Finance.** The principal problems of managing the financial operation of an enterprise. Emphasis upon analysis and solutions of problems pertaining to policy decisions. Prerequisite: 320.

**422-4 Advanced Financial Management.** The development of ability to use sophisticated analytical tools by the discussion of case situations dealing primarily with capitalization, return on investment, and cost of capital. Prerequisite: 421.

**430-4 Business Finance.** An introductory course combining both a description of the structure of business financing and an analysis of functional finance from a managerial viewpoint.

**473-4 Business in its Legal Environment.** Social and economic assessment of environmental factors influencing business policies and strategies. Emphasis is placed on legislation affecting competition and allocation of the firm's products and resources. Prerequisite: senior standing.

**475-4 Budgeting and Systems.** Aids in coordinating and directing business operation.

## Food and Nutrition

**420-3 Recent Developments in Nutrition.** Critical study of current scientific literature in nutrition. Prerequisite: 320 or equivalent. Offered alternate years.

**421-3 Recent Trends in Food.** Critical study of current scientific literature in food. Prerequisite: 320 or equivalent. Offered alternate years.

**481-2 to 4 Readings.** Supervised readings for qualified students. Prerequisites: 320 or consent of instructor and department chairman.

**490-3 Nutrition and Growth.** Lectures, readings, and discussion on nutrition in relation to human growth. Prerequisite: 320 or equivalent. Offered alternate years.

**500-4 Research Methods.** Study of methods employed in research in food and nutrition. The development of a research design selected on the basis of the interest and need of the student. Field trip. Prerequisites: 420, 421, or equivalent and statistics. Offered alternate years.



**515-1 to 6 Seminar.** Participation of staff and students in reporting and discussing research papers, research in progress, and current professional meetings. Required for all graduate majors in Food and Nutrition, one credit per quarter. Prerequisite: 420 or 421.

**520-3 Advanced Nutrition.** The biochemical and physiological basis of the metabolism of nutrients; current concepts. Prerequisite: 420 or equivalent. Offered alternate years.

**556-4 Advanced Experimental Foods.** Individual problems in food research and interpretation of pertinent literature. Prerequisite: 356, or 500, or equivalent. Offered alternate years.

**572-2 to 8 Special Problems.** For students recommended by their adviser and approved by the head of the department and the instructor in charge for independent work in directed study.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Registration with approval of instructor.

### Foreign Languages

The following courses do not fall within the normal pattern of courses leading to advanced degrees:

**161-0 French for Graduate Students.**

**161-0 German for Graduate Students.**

**161-0 Russian for Graduate Students.**

**161-0 Spanish for Graduate Students.**

The purpose of these courses is to help graduate students prepare for proficiency examination as requested by the Graduate School for the Doctor of Philosophy degree. No prerequisite. Students must register for these courses and are advised to take them as part of, and not in addition to, their graduate program.

**410-15 (5,5,5) Uncommon Languages (Intermediate Vietnamese).** (See Linguistics 410 ghi.)

**497-9 (3,3,3) Survey of Vietnamese Literature.** Readings and analysis of selected works of Vietnamese literature from the beginning to the present time. Knowledge of Chinese characters and demotic characters not necessary, since all texts will be in Roman script. Presented in Vietnamese. Prerequisite: equivalent of two years of Vietnamese.

#### FRENCH

**401-9 (3,3,3) French Literature of the 17th Century.** (a) Tragedy: Corneille and Racine. (b) Comedy; Moliere, (c) Non-dramatic Literature. Prerequisite: 354, 397.

**402-6 (3,3) Contemporary French Novel.** (a) Major themes, forms, and techniques in the novel with particular emphasis on Gide, Proust, Malraux, Sartre, Camus, and Robbe-Grillet. (b) A study of the dramatic masterpieces of Guandoux, Claudel, Anouilh, Sartre, Camus, Ionesco, and Beckett with respect to structure, technique, themes, and language. May be taken out of sequence. Prerequisite: 354, 397.

**403-9 (3,3,3) French Literature of the 18th Century.** (a) Theater. (b) Novel. (c) Philosophic and Didactic Literature. Prerequisite: 354, 397.

**408-4 French Civilization.** Society, culture, social institutions, and the arts of contemporary France. Lectures, slides, discussions. Prerequisite: 350, or consent of instructor.

**409-3 French Romanticism in the Drama, Novel, and Poetry.** Prerequisite: 354, 397.

**419-3 French Poetry from Nerval through Symbolism.** Prerequisite: 354, 397.

**429-6 (3,3) French Novel and Theatre, 1850-1930.** (a) Realism, naturalism, and the reaction to these in the novel, from Flaubert through Barres. (b) Realism, naturalism, and symbolism in the theatre from mid-19th Century to 1930. Prerequisite: 354, 397.

**453-4 Methods in Teaching Modern Foreign Languages.** Survey of general principles of second-language teaching, based upon insights of modern linguistics and learning-psychology. Intensive practical work in classroom and language laboratory with teachers experienced in the student's specific language field. Required of prospective teachers of modern foreign languages in the secondary schools. Prerequisite: concurrent or prior enrollment in a 300 level foreign language course.

**461-4 French Stylistics.** A practical study of the aesthetics and theory of

French literary expression through examination of various stylistics methods and through stylistic analyses of excerpts from representative works of great French authors. Prerequisite: 350, 354 or consent of instructor.

**498-3 Honors Seminar.** Study of an author or a special topic. Restricted to undergraduates. Prerequisite: consent of department.

**499-4 Honors Essay.** Individual exploration of some question, author, or theme of significance within the field of French literature or language. Restricted to undergraduates. Prerequisite: 498 and consent of department.

**501-2 to 6 Seminar on a Selected French Author.** Intensive study of one author. May be taken a maximum of 3 times.

**509-2 to 6 Studies in 19th Century French Literature.** Selected topics, movements, or authors.

**515-6 (3,3) Old French.** (a) Intensive reading and interpretation of the *Chanson de Roland*. (b) Reading of various Medieval works with linguistic analysis. Prerequisite: 410 or equivalent.

**520-4 Graduate Composition.** Composition based on study of contemporary French; translation, imitation, writing in various styles.

**522-2 to 6 Studies in 20th Century French Literature.** Selected topics, movements, or authors.

**523-2 to 6 Studies in Medieval French Literature.** Topics or authors in medieval French literature.

**524-2 to 6 Studies in French Literature of the Renaissance.** Topics or authors in French literature of the Renaissance.

**543-2 to 6 Research Problems.** Individual research on a literary or linguistic problem involving original investigation in areas not covered by seminars or thesis.

**536-2 Teaching French at the College Level.** Prepares graduate students in French for teaching at the university level. Required of all teaching assistants in French. May not be counted to satisfy secondary certification requirements.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

#### GERMAN

**401-4 (2,2) Goethe's Faust.** (a) The Faust legend and early Faust books and plays; the genesis of Goethe's *Faust*: reading of Part I. (b) Reading of Part II; study of the symbolism used such as the blending of paganism with Christianity, ancient Greek culture with Germanic culture. Must be taken in a,b sequence.

**402-3 Advanced German Syntax.** Descriptive and contrastive study of German syntax, with particular attention to the needs of prospective teachers.

**403-3 German Ballads and Lyrics.** A selective study of the foremost examples of German balladry and lyric poetry, ranging from the poetry of Klopstock and Buerger to that of Hesse, Benn, etc. Lectures, recitations.

**404-4 Weimar and Its Aftermath.** German writings from the inception of the Weimar Republic to the end of World War II, with special reference to the correlation existing between literary expression and social, economic, and political conditions.

**406-3 The German Comedy.** Comic and satirical works in German Literature, with special emphasis on the "Lustspiel" since 1800; lectures, reports.

**407-2 Great German Plays of the 20th Century.** Study and selective readings of outstanding stage successes; lectures, reports.

**408-4 German Civilization.** Intensive study of the German speaking areas of the world, with emphasis on the anthropological and sociological aspects of their respective cultures (Austrian, German, Swiss, "Reichs-deutsch," etc.); lectures, reports.

**411-6 (3,3) Middle High German.** (a) Grammar, and selective readings in both MHG originals and NHG translations of such epics as the *Nibelungenlied* and *Gudrun*. (b) The courtly epic poetry of such authors as Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, the lyric poetry of Walther von der Vogelweide, and didactic prose.

**413-6 (3,3) German Linguistics.** (a) Introduction to Comparative Germanic Linguistics tracing relationships among Germanic languages on the basis of phonology, morphology, and syntax. (b) History of the German language: a survey of the development of German through the Old-, Middle-, and New-High-German periods; lectures, readings, reports.

**497-1 to 2 Readings in 18th Century German Literature.** Departmental approval required.



**498-1 to 2 Readings in 19th Century German Literature.** Departmental approval required.

**499-1 to 2 Readings in 20th Century German Literature.** Departmental approval required.

**500-2 Seminar in Contemporary Literature.** Intensive study of the works of representative German authors, with special reference to the correlation existing between literary expression and social, economic, and political conditions since 1900. Lectures, outside readings, reports.

**501-2 to 6 Seminar on a Selected German Author.** Intensive study of one author—his life, his work, and his place in the literary and cultural development of civilization. Lectures, outside readings, reports.

**506-2 Romanticism I.** Study of the forerunners of German Romanticism: Holderlin, Jean Paul; and the authors of Early Romanticism: the writers of the so-called "Berlin School," with special attention to their involvement and reaction to 18th century thought. Lectures, reports.

**507-2 Romanticism II.** Study of Patriotic Romanticism: Kleist, Arndt, Korner, Uhland, etc. and Late Romanticism: Eichendorff, Lenau, Grillparzer, Heine, Morike, etc. Lectures, reports.

**509-4 (2,2) Old High German.** (a) Phonology, morphology, etymology, and syntax. (b) Continued study of grammar and reading of Franconian, Bavarian, and Alemannic texts.

**512-3 19th Century German Novel.** German literature from the decline of Romanticism to the end of the century. A study of trends and representative works of such authors as Keller, Fontane, Raabe, etc. Lectures, reports.

**513-3 20th Century German Novel.** Continuation of 512. Study of representative writers of expressionism, "Neue Sachlichkeit," etc. Lectures, reports.

**514-3 Seminar in Folklore.** Study of German folk literature, with emphasis on folk tales (such as Grimms' Household Tales, regional sagas, etc.), chapbooks (such as Dr. Faust, Till Eulenspiegel, etc.), folksongs (Des Knaben Wunderhorn), and folk drama. Lectures, reports.

**533-3 Gothic.** Historical setting and significance of Gothic; phonology, morphology and syntax; selected readings from Wulfila.

**536-3 (1,1,1) Teaching German at the College Level.** Prepares graduate students in German for teaching at the university level. Required of all teaching assistants in German. May not be counted to satisfy secondary certification requirements.

**543-2 to 6 Research Problems.** Individual research on a literary or linguistic problem involving original investigation in areas not covered by seminars or thesis.

**544-12 NDEA Summer Institute for Teachers.** Summer Institute for Teachers of German, conducted in West Germany.

**599-2 to 9 Thesis.**

#### RUSSIAN

**405-4 Translation Techniques.** Translation of material from social sciences, discussion of techniques, procedures, methodology, and the art of translation. Prerequisite: 330c or consent of instructor.

**408-4 Soviet Civilization.** A study of present-day political, economic, and social institutions of the Soviet Union. Reading and translation from contemporary news media. Prerequisite: 201c.

**411-8 (4,4) Introduction to Russian Classical Literature.** Gogol, Pushkin, Turgenev, Tolstoy. Should be taken in a,b sequence.

**412-4 Russian Realism.** Authors in the 19th century Russian literature. Special attention to stylistic devices. Lectures, readings, and individual class reports. Prerequisite: 308c or consent of department.

**413-4 Russian Drama in the Nineteenth Century.** Griboyedov, Gogol, Pushkin, and minor dramatists. Prerequisite: 308c or consent of department.

**414-3 Russian Poetry from Zhukovsky to 1920.** A study of Russian Poetry from Sentimentalism through Symbolism. Prerequisite: 308c or consent of department.

**415-3 Russian Phonetics.** Analysis of the sounds of Russian and their manner of production; intonation and stress; levels of speech, oral practice. Prerequisite: 308c or consent of department.

**416-4 Russian Poetry Since 1920.** Literary trends and representative works of Russian poets such as Mayakovsky, Yevtushenko, Voznesensky, and others. Prerequisite: 308c or consent of department.

**425-3 Soviet Russian Literature.** Major fiction writers and literary trends

since 1917. Lectures, readings, and reports. Prerequisite: 308c or consent of department.

**452-4 Advanced Composition and Conversation.** Oral and written composition of a practical nature for advanced students; emphasis on study of idiomatic expressions and current usage.

**462-4 Russian Stylistics.** Writing style in Russian and its application to the development of skill in written expression. Advanced work in the principles of Russian grammar and composition. Prerequisite: 308c or consent of department.

**500-2 Seminar in Contemporary Russian Literature.** Intensive study of the works of representative Russian authors, with special reference to the correlation existing between literary expression and social, economic, and political conditions since the Revolution. Lectures, outside readings, reports are required.

**501-2 Seminar on a Selected Russian Author.** Intensive study of one author, his life, his work, and his place in the literary and cultural development of civilization.

**503-2 Seminar on 19th Century Russian Literature.** Intensive study of the modern Russian novel as an expression of social and cultural movements. Outside readings and class discussions.

**509-3 Russian Literature through the 17th Century.** A study of early Russian literature with emphasis on literature of the Kievan period. Analysis of texts and reports.

**510-3 Russian Literature of the 18th Century.** The Baroque period, classicism and sentimentalism. Emphasis on the classical period of the 18th century. Analysis of texts and reports.

**514-6 (2,2,2) History of the Russian Language.** A survey of the phonological, morphological, and syntactical changes from the period of the common Slavic to the present Russian literary language.

**520-4 Russian Linguistic Structure.** A structural analysis of present-day Russian with special attention to Russian syntax. Free composition on Russian authors.

**543-2 to 6 Research Problems.** Individual research on a literary or linguistic problem involving original investigation in areas not covered by seminars or thesis.

**599-2 to 9 Thesis.**

#### SPANISH (Iberian)

**401-3 Spanish Novel of the 19th Century.** Study of representative novels of Fernan Caballero, Valera, Pereda, Galdos, etc.

**402-3 Spanish Drama of the 18th and 19th Centuries.** Reading of representative plays of the chief dramatists from Moratin to the Generation of 1898.

**403-3 Spanish Poetry.** General survey of Spanish poetry from its beginnings to 1900.

**404-6 (3,3) Spanish Literature of the Twentieth Century.** (a) The Generation of 1898. (b) Contemporary Novel and Essay. Main trends of the Spanish novel and essay since 1900.

**415-3 Spanish Phonetics.** Analysis of the sounds of Spanish and their manner of production; intonation; levels of speech; oral practice.

**425-4 History of the Spanish Language.** Survey of development from the Middle Ages to the present.

**440-6 (3,3) The Golden Age: Drama.** Plays of Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and others.

**445-4 Cervantes.** Don Quixote; Other works assigned as collateral readings.

**475-3 to 12 General Topics in Spanish.** Selected topics in literature or linguistics of special interest, for major concentrations in Spanish.

**490-1 to 6 Readings in Spanish.** Directed independent readings in a selected area. Prerequisite: consent of department.

**501-2 to 6 (2 per quarter) Seminar on a Selected Spanish Author.** Study of one author—his life, his works, and his relationships to the literary and social currents of his time.

**505-3 The Picaresque Novel.** Study of the *Lazarillo*, with collateral readings of other masterpieces of this genre.

**506-3 The Renaissance.** Literature of the Renaissance in Spain, including the drama, the novel, the lyric poetry, and the histories of the Indies.

**515-6 (3,3) Old Spanish.** (a) Intensive reading and interpretation of the



**Poema de Mio Cid.** (b) Reading of various medieval works with linguistic analysis. Prerequisite: 410 or equivalent.

**520-3 Seminar in Syntax.** Stylistics and grammatical analysis.

**525-3 The Spanish Ballads.** The romance studied as a part of the literature and folklore of Spain and the New World.

**543-2 to 6 Research Problems.** Individual research on a literary or linguistic problem involving original investigation in areas not covered by seminars or thesis.

**560-4 Spanish and Latin American Bibliography.** Bibliography and research methods in Spanish and Spanish American culture. Introduction to the use of the chief reference works in the humanities and social sciences as they deal with Spain and Spanish America.

**575-3 to 12 Advanced Topics in Spanish.** Selected topics in literature or linguistics of special interest for major concentrations in Spanish.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

### SPANISH (American)

**421-3 Survey of Modernism in Spanish American Poetry.** Study of its origins, characteristics and achievements.

**422-3 Contemporary Spanish American Poetry.** Spanish American poetry since modernism.

**423-4 The Mexican Novel of the 20th Century.** Emphasis on fiction dealing with the Revolution and related social problems.

**424-4 Gaucho Literature.** Study of the Gaucho as a social class and of the types of literature developed to portray and symbolize his way of life, attitudes, and values.

**426-3 The Mexican Short Story.** Survey of the Mexican short story from pre-Conquest to the present.

**427-3 Spanish American Drama.** Study of representative works of Florencio Sanchez, Rodolfo Usigli, Armando Moock, Samuel Eichelbaum, Xavier Villarrutia, and others.

**475-3 to 12 General Topics in Spanish.** (See Spanish—Iberian).

**478-4 Seminar in Latin American Thought.** (See Philosophy 478.)

**500-2 to 6 (2 per quarter) Seminar in Latin American Fiction.** The works of a specific novelist or group of novels on a similar theme studied as a reflection of social and cultural conditions in a country or geographical area.

**535-3 Mexican Essayists of the 19th Century.** Currents of Mexican thought in the 19th century.

**538-3 Seminar on Spanish American Poetry.** Study of the works of a single poet, of a group of poets, or of literary trends or movements.

**541-3 Seminar on Spanish American Literary Criticism.** Significant documents of literary criticism from Independence to the present.

**543-2 to 6 Research Problems.** (See Spanish—Iberian.)

**560-4 Spanish and Latin American Bibliography.** (See Spanish—Iberian.)

**575-3 to 12 Advanced Topics in Spanish.** (See Spanish—Iberian).

**599-2 to 9 Thesis.**

### ROMANCE PHILOLOGY

**410-4 Romance Philology I.** Survey of phonology, morphology, and syntax changes in Romance languages in general; special attention to the developments in French and Spanish for majors in these fields.

**514-4 Romance Philology II.** Studies in syntax of Old French and Old Spanish. Prerequisite: 410 or equivalent.

**516-4 Arthurian Romance.** Readings in the Arthurian Romances of the student's major interest (French or Spanish) with reference to the genre as a whole. Prerequisite: 410 or equivalent.

### Forestry

**401-3 Advanced Forest Mensuration.** Theory and practical problems in biometrics to obtain estimates of forest populations. Use of computers and other advanced techniques. Prerequisite: 363a,b or equivalent.

**410-3 Forest Management for Wildlife.** Interrelations between forest practices and game. Forest protection from mammals and birds. Emphasis is on treat-

ment of the forest. Prerequisite: Zoology 463, forestry major, or consent of instructor.

**420-4 Advanced Wood Technology.** The study of wood as an industrial and structural material; the botanical, physical, chemical, and mechanical properties are discussed. The advantages and disadvantages of wood as a raw material are analyzed. Prerequisite: 320, Mathematics 111a,b or equivalent.

**427-3 Mineral Nutrition of Plants.**

**433-4 Forest Products Industries.** Raw material requirements, the processes and the products of forest industries. The past, present, and future economic status of each industry is briefly examined. Prerequisite: 320 or consent of instructor.

**440-4 Ecology of Grasses and Grasslands.** (Same as Botany 440.) Structure, analysis and dynamics of grassland communities; structure and growth of individual species. Prerequisite: GSA 340 or consent of instructor.

**450-4 Forest Park Management.** Fundamentals in the management and administration of parks and recreation areas, at the metropolitan state and federal level. Includes purpose, objectives, criteria for selection, policy, management practices, and problems in providing outdoor recreation in a natural environment. Prerequisites: 350a,b or consent of instructor.

**451-7 (3,4) Forest Park Plans.** Fundamental and applied principles and elements involved in site, master, and comprehensive planning for outdoor recreation at the state, metropolitan, and federal level. Prerequisites: 350a,b or consent of instructor.

**460-3 Forest Park Field Studies.** Park conditions, visitors, and management practices in different county, state, and federal park systems in the United States. Extended field trip. Cost shared by students. Prerequisite: 350a.

**465-2 Forestry Field Studies.** An extended trip to study forest conditions and silviculture in different forest regions of the United States. Cost shared by students. Prerequisites: 330, 363a, 365a.

**466-3 Forest Watershed Management.** Effects of treatment of forested watersheds on quality and quantity of water yield. Consideration of alternative in water use and flood control. Prerequisites: 301, GSA 330, or consent of instructor.

**470-8 (4,4) Economics of Forestry.** (a) Introduction to forest economics; forestry production and investment. Prerequisite: GSB 211a. (b) Forestry marketing, macro-economics and planning. Prerequisite: 470a or consent of instructor.

**471-4 Land Resource Economics.** (Same as Agricultural Industries 471 and Economics 471.) The use of land as an economic variable in production of goods and services; land markets; group versus individual conflicts; elementary land resources planning techniques. Prerequisite: 470a or Economics 440 or Agricultural Industries 350.

**475-4 Forest Management.** The application of business procedures and technical forestry principles to manage forest properties for their resources and benefits. Prerequisite: 363, 365.

**483-4 Urban Forest Management.** Evaluation of urban forests, city forest preserves, and city watersheds. Emphasis on urban environment (soil, water, atmosphere) and tree species adapted to it. Administrative and legislative problems and forestry practices considered. Field trips. Prerequisite: 221.

**490-4 to 16 Practicum.** Supervised practicum experience in a professional setting. Emphasis on administration, supervision, teaching, and program leadership in community, school, park and forest, institution, and other recreation settings. Prerequisite: consent of instructor.

**520a-1 to 6 Readings in Forestry or Forest Recreation.** Intensive consideration is given to current practices and problems in forestry. Prerequisite: consent of instructor.

**520b-1 to 6 Readings in Resource Economics.** (Same as Economics 502 or Agricultural Industries 520b.) Directed readings in the field of resource economics. Prerequisites: consent of instructor and 475 or equivalent.

**520c-1 to 6 Readings in Forest Products or Wood Service.** Advanced study of the techniques of manufacture in the wood and fiber using industries. Also, advanced study of physical, mechanical and chemical properties of wood as a material. Prerequisite: consent of instructor.

**570-4 Principles of Research.** Research philosophy, approaches to research; theory, hypotheses, inference and prediction; problem identification, project development and organization; methods of data collection, analysis and



presentation; drawing conclusions and organizing results. Prerequisite: 4 hours in statistical methods or consent of instructor.

**575-1 to 6 Research.** Directed research in selected fields of forestry.

**581-1 to 6 Advanced Forestry Seminar.** Study and discussion of contemporary forestry problems. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Geography

**403-7 (4,3) Advanced Physical Geography II.** Content drawn from same broad range of topics as 402. To be alternated with 402 to enable student to specialize further in physical geography. Prerequisite: 302 or consent of instructor.

**404-10 (4,3,3) Advanced Economic Geography I.** Deals with one or more of the following: transportation, manufacturing, agriculture, resources, trade and urban geography; depending on, and varying with, interests of instructors. Thus, a student may register more than one time. Emphasis will be directed at familiarizing the student with techniques of analysis, and at developing concepts and principles that underlie understanding of the phenomena and their geographic significance. Prerequisite: 304.

**405-7 (4,3) Advanced Economic Geography II.** Content drawn from same broad range of topics as 404. To be alternated with 404 to enable student to specialize further in economic geography. Prerequisite: 304 or consent of instructor.

**406-10 (4,3,3) Advanced Cultural Geography I.** Deals with one or more of the following: population, settlement, ethnic characteristics, political factors; depending on, and varying with, interests of the instructors. Thus, a student may register more than one time. Emphasis will be directed at familiarizing the student with techniques of analysis, and at developing concepts and principles that underlie understanding of the phenomena and their geographic significance. Prerequisite: 306.

**407-7 (4,3) Advanced Cultural Geography II.** Content drawn from same broad range of topics as 406. To be alternated with 406 to enable student to specialize further in cultural geography. Prerequisite: 306 or consent of instructor.

**410-8 (4,4) Advanced Geographic Techniques.** Geographic applications of cartographic and quantitative research techniques. Prerequisite: 310 or consent of instructor.

**416-8 (4,4) Cartography.** Instruction and practice in the techniques of map-making and problems in map reproduction. Laboratory. Prerequisite: 310.

**424-2 to 12 Regional Problems in Conservation.**

**430-4 Theory of Environment.** Exploration of the hypothesis that the physical environment works on local hydrology, soils, natural vegetation, agriculture, and landforms, through energy and moisture exchanges. Emphasis on model building for comparison of subsystems, to rate effectiveness of contrasting environments, and to project these consequences to environmental management questions. Prerequisite: consent of department.

**432-12 (4,4,4) Exchanges in Environment.** (a) Energy exchanges in the environment. (b) Moisture exchanges in the environment. (c) Momentum exchanges in the environment. Prerequisite: 302, or 400, or consent of the department.

**433-8 (4,4) Advanced Physical Geography.** Topics may include landforms, climate, soil, or water. Varies with the interests of the instructor. Prerequisite: 302.

**440-2 to 6 Reading for Majors.** Supervised readings in selected subjects. Prerequisite: advanced standing.

**443-4 Teaching of Geography.** Presentation and evaluation of methods of teaching geography. Emphasis upon geographic literature, illustrative materials, and teaching devices suitable to particular age levels. Prerequisite: 300.

**461-7 (4,3) Regional Geography: Anglo-America.** Deals geographically with present-day United States and Canada. (a) A general survey of the area, open to non-majors. (b) Investigates specific topics in depth, for majors.

**462-7 (4,3) Regional Geography: Europe.** See 461.

**463-7 (4,3) Regional Geography: Mediterranean Lands and Southwestern Asia.** See 461.

- 464-7 (4,3) **Regional Geography: Soviet World.** See 461.
- 465-7 (4,3) **Regional Geography: Sub-Saharan Africa.** See 461.
- 466-7 (4,3) **Regional Geography: Eastern and Southern Asia.** See 461.
- 467-7 (4,3) **Regional Geography: Latin America.** See 461.
- 468-7 (4,3) **Regional Geography: Oceania.** See 461.
- 470-16 (4,4,4-8) **Urban Planning.** (Same as Government 470.) (a) Planning concepts and methods, (b) field problems, (c) planning and public administration internship. Prerequisite: junior standing.
- 471-8 (4,4) **Regional Planning.** Examination of the viewpoint, methods, and techniques of regional planning. Prerequisite: consent of instructor.
- 480-4 **Workshop in the Teaching of Geography.** Gives the geographic approach to man in space. Skills and techniques in the use of maps, globes, pictures, statistics and graphics, and reading the landscape and literature will be acquired.
- 487 (2,4,4) **Honors in Geography.** (a) Tutorial, (b) reading, (c) supervised research. Must be spread over the last two years of the undergraduate's career. Open to students in the honors program with consent of the department. May be taken in either a,b,c or b,a,c sequence.
- 490-1 to 16 **Tutorial in Geography.** Individual and small group conferences with staff members to examine geographic concepts. Prerequisite: Institute status.
- 500-4 **Geographic Techniques I.** Emphasizes field and quantitative techniques used in geography.
- 501-4 **Geographic Techniques II.** Emphasizes the conceptual framework of geography, library and bibliographic techniques, and geographic writing.
- 505-8 (2,2,2,2) **Pro-Seminar in Geography.** Discussion of basic issues and development of professional perspective in (a) Physical, (b) Economic, (c) Cultural, (d) Geographic Thought. Taught by the entire resident staff.
- 511-4 **Philosophy of Geography.** The nature of geography. Current trends in the field, present-day geographers, and schools of thought. Geography's place among the disciplines.
- 514-2 **Teaching of College Geography.**
- 515-4 to 6 **Field Course.** Designed to give actual experience in the field. Under guidance of staff members students will gather data and work toward the solution of selected field problems in one particular region of the world. This course will not be offered on campus, but will be in a field camp location suited to the study of selected problems. Prerequisite: consent of department.
- 520-2 to 12 **Seminar in Physical Geography.**
- 521-2 to 12 **Seminar in Economic Geography.**
- 522-2 to 12 **Seminar in Regional Geography.**
- 523-4 to 12 **Seminar in Cartography.**
- 524-2 to 12 **Seminar in Cultural Geography.**
- 527-2 to 8 **Seminar in Urban and Regional Planning.** Prerequisite: graduate standing or consent of instructor.
- 530-2 to 10 **Independent Studies in Geography.**
- 540a-2 to 36 **Research in Physical Geography.**
- 540b-2 to 36 **Research in Economic Geography.**
- 540c-2 to 36 **Research in Regional Geography.**
- 540d-2 to 36 **Research in Cultural Geography.**
- 599-9 **Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-1 to 48 **Dissertation.** Minimum of 36 hours to be earned for the Doctor or Philosophy degree.

## Geology

- 400-3 **Earth Science Seminar.** Two classroom meetings per week and two field trips on the observational, interpretive, and communicative aspects of earth science subjects. Prerequisite: all earth science minor courses.
- 410-4 **Stratigraphy and Sedimentation.** The characteristic features of sedimentary rocks and their processes of origin; the classification of stratigraphic units, methods of correlation, and paleogeologic reconstruction. Laboratory. Prerequisites: 220, 221, 310a,b, 315, and 425a,b or consent of instructor.
- 411-3 **Mineralogy III.** Elementary crystallography. Applications of physical principles to mineralogical problems.
- 414-5 **Paleobotany.** (See Botany 414.)



- 415-3 Optical Mineralogy.** The optical properties of minerals and the use of the petrographic microscope for identification of crystals by the immersion method and by thin section. Laboratory. Prerequisites: 310, Physics 208.
- 416-4 X-Ray Crystallography.** Introduction to the study, measurement, and identification of unknown crystalline materials by X-ray diffraction techniques (especially the Debye-Scherrer methods). Upon request, non-geology majors may work with unknowns from their own fields of study. Prerequisites: 310, Mathematics 150.
- 420-8 (4,4) Geology of Petroleum.** The geological occurrence of petroleum, including origin, migration, and accumulation; a survey of exploration methods and production problems and techniques. Laboratory study applies geological knowledge to the search for and production of petroleum. Laboratory. Prerequisites: 221, 302.
- 425-8 (4,4) Invertebrate Paleontology.** Principles of paleontology and a survey of important invertebrate phyla and their fossil representatives. Also study of paleoecology. Laboratory. Must be taken in a,b sequence. Prerequisite: 221 or GSA 201.
- 430-4 Physiographic Provinces of North America.** Gives the student an intelligent appreciation of the evolution of land forms in the physiographic provinces of North America and explains the surface features in a landscape. Prerequisite: 220.
- 435-8 (4,4) Hydrogeology.** Introduces the geological factors in the origin, distribution, movement, and chemistry of natural water of the earth. Prerequisites: 315, Mathematics 150b, and Physics 207.
- 436-8 (4,4) Elementary Exploration Geophysics.** Lectures on theory and interpretation of geophysical exploration methods. Laboratory to involve use of instrumentation and interpretation of field data. Field trips required. Prerequisite: 220, Physics 211 or concurrent enrollment.
- 445-3 (1,1,1) Seminar in Geology.** Study of major problems in Geology. Primarily student discussion based on library work. Prerequisite: senior standing.
- 450-12 (9,3) Field Geology. (a)** Field mapping including problems in stratigraphy, structure, paleontology, physiography, and economic geology. Requires a written geologic report. Consult the department for dates, costs, and equipment. **(b)** Advanced field problems. Prerequisite: 302, 315.
- 455-3 Engineering Geology.** (See Engineering 455.)
- 460-4 Geological Data Processing.** Two lecture and two laboratory periods each week for instruction in computer application to geological problems including the processing and programming of data and the interpretation and evaluation of results. Prerequisites: Engineering 222 or Mathematics 225.
- 470-9 (3,3,3) Earth Science for Teachers.** Study of the earth's dynamic system, applying the principles of the physical and earth sciences to man's environmental problems. Prerequisite: teaching experience.
- 510-8 (4,4) Sedimentation-Stratigraphy. (a)** Advanced sedimentation. Properties and classification of detrital and carbonate sediments. Sedimentary processes. Methods and criteria for interpretation of environments of deposition. **(b)** Stratigraphic column, stratigraphic maps, correlation, radiometric chronology, basin analysis, and stratigraphic models. Prerequisite: 410.
- 513-3 Advanced Geologic Data Analysis.** Probabilistic and statistical methods utilized in the analysis of geologic data. Emphasis on sedimentary and stratigraphic data analysis. 2 hours of lecture and one laboratory period each week. Prerequisite: 460 or consent of instructor.
- 515-12 (4,4,4) Mineral Deposits.** (principles, metallics, nonmetallics) Principles of mineral deposition and genesis, and the origins and geologic settings of the important mineral deposits of the world. Laboratory. Prerequisites: 302, 310.
- 520-12 (4,4,4) Advanced Petrology. (a)** Igneous Petrology. Physical chemistry, petrographic classification, and genetic relationships of the igneous rocks. **(b)** Metamorphic Petrology. Physical chemistry, petrographic classification, and genetic relationships of the metamorphic rocks. **(c)** Sedimentary Petrology. Petrographic classification and origin of sedimentary rocks. Prerequisites: 310, 415, or equivalent.
- 528-3 to 9 Micropaleontology.** Structure, classification, paleoecology, stratigraphic distribution, and evolution of microfossils. Laboratory work in techniques of collection, preparation, and study of microfossils. Identification and use of microfossils in solving stratigraphic problems. Preparation for research in micropaleontology. **(a)** Conodonts and ostracodes. **(b)** Foraminifera. **(c)**

Lesser-known groups, invertebrates and algae, pollen and spores. Prerequisite: 425.

**529-8 (4,4) Advanced Invertebrate Paleontology.** Research in paleontology and the use of microfossils in solving stratigraphic problems: (a) Bryozoans, mollusks, and arthropods. (b) Coelenterates, brachiopods, and echinoderms. Prerequisite: 425 or consent of instructor.

**540-1 to 9 Advanced Studies.**

**541-1 to 9 Research.**

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Government

**403-4 Introduction to the Theories of International Relations.** Systematic analysis of a variety of approaches which seek to explain the actions of nations. The realist and utopian traditions, ecological factors, decision-making processes, theories of conflict and integration, equilibrium and systems analysis, and other topics. Prerequisite: GSB 303 or graduate standing.

**406-4 The American Chief Executive: President and Governor.** A study of the origin and background of the presidency and the governorship, qualifications, nomination and election, succession and removal, the organization of the executive branch, and the powers and functions of the president and governor. Prerequisite: GSB 211b or 231.

**420-3 Pressure Groups and Politics.** An analysis of interest groups and their techniques of political propaganda. Prerequisite: 231 or GSB 211b.

**425-4 Blacks and Whites in American Politics.** Topics include various forms of political participation, leadership behavior, and analysis of political strategies including the Black Power concept. Prerequisite: 231 or GSB 211b.

**430-3 Government and National Security.** The role of the military in American society and policies and the development of military and disarmament policy. Comparison made between American developments and in other countries, including Russia.

**436-3 Government and Labor.** (See Economics 436.) Prerequisite: 231, or GSB 211a,b, or consent of instructor.

**438-4 Social Welfare Legislation.** The Social Security Act and other legislation of major significance for the welfare and maintenance of the family, the handicapped, children, and other special groups. Their relationship of the legal structure of federal, state, county, township, and municipal welfare facilities and institutions with indications of economic and social consequences.

**440-4 Public Personnel Administration.** An analysis of some of the central problems encountered by the government executive in recruiting, maintaining, and developing personnel, such as political neutrality, leadership and motivation, career development, security regulations, and the role of personnel in policy planning and execution. Prerequisite: 360.

**441-4 Philosophy of Politics.** (See Philosophy 441.)

**450-12 (4,4,4) Latin American Governments.** (a) Problem analysis of contemporary Latin American government and politics. (b) Latin American national systems. (c) Hemispheric relations. No prerequisite but GSB 392 recommended.

**451-4 International Politics of Europe.** Comparative analysis of foreign policies of major states. Includes nationalism, unification and security, and Western Europe's relations with the developing world, Eastern Europe, the U.S.S.R., and the U.S.A.

**452-4 Government and Politics of Sub-Saharan Africa.** Government and politics of French-, English-, and Portuguese-speaking areas of sub-Saharan Africa. Reference to decolonization process and the relations of African states with each other and with non-African powers. Prerequisite: GSB 390, or 391, or consent of instructor.

**453-12 (4,4,4) Soviet Russia.** (a) Ideological foundations of Soviet politics. (b) Dynamics of Soviet government and economy. (c) Soviet foreign relations. Prerequisite: GSB 390 or consent of instructor.

**454-8 Development of German Democracy.** Involves a summer's residence in Germany with classroom material supplemented by lectures by German professors and government officials. Prerequisite: consent of instructor.

**455-4 Major Governments of Western and Central Europe.** A comparative study of the political systems of the major countries of Western and central Europe. Prerequisite: GSB 390 or consent of instructor.



**456-4 Great Britain and the Commonwealth.** The commonwealth association and the politics of Great Britain and the "Old Commonwealth" countries: Australia, Canada, New Zealand.

**457-8 (4,4) Government and Politics in the Near and Middle East.** (a) The Arab states of the Middle East and Israel. Socialization and integration patterns, the traditional and revolutionary regimes, and regional cooperation and conflict. (b) Historical background of the emergence of Turkey, Iran, Afghanistan, and their present governments and politics. Prerequisite: GSB 390 or consent of instructor.

**458-12 (4,4,4) Government and Politics of Asia.** (a) Politics and governments of Burma, Thailand, Malaysia, North Vietnam, South Vietnam, Cambodia, Laos, Singapore, Indonesia, and the Philippines. (b) Internal political, economic, and social development of China (Taiwan), Japan, and Korea in modern times. (c) Politics in India, Pakistan, Ceylon, Nepal.

**459-4 Politics of Developing Areas.** A survey, theoretical and descriptive, of the impact upon politics of the process of development, and the role of the governmental system in the direction and control of development. Prerequisite: GSB 390 or consent of instructor.

**461-4 Organizational Theory and Public Administration.** Analysis of various theoretical approaches to public administration with emphasis on recent American literature in this field. Prerequisite: 360 or consent of instructor.

**462-3 Intergovernmental Relations.** Interaction between governmental units in the American federal system and the impact on the formulation of public policy and the performance of governmental functions. Prerequisite: 231 or GSB 211b.

**463-3 Government, Social, and Economic Policy.** Exploration of contemporary agencies of policy determination within the national government; attention to methods and devices utilized to effectuate national social and economic policy within the federal system; appraisal of historical developments, trends, and results as they affect American governmental, constitutional, and political philosophy, public administration, and the general welfare. Prerequisite: 231 or GSB 211b.

**466-3 State Government and Administration.** Emphasis on recent developments and research findings. Prerequisite: 232.

**467-4 Urban Politics.** Environment, institutions, processes, and functions of government in an urban society. Emphasis on current problems of social control and the provision of services in the cities. Prerequisite: 232.

**469-3 Administration of State and Local Finance.** An examination of the administrative problems connected with local and state revenues and expenditures in the U.S. Prerequisite: 232.

**470-4 Urban Planning.** (See Geography 470.)

**471-4 The Organization and Administration of American Foreign Policy.** An advanced course dealing with the organizational and administrative aspects of American foreign policy. Prerequisite: GSB 345 or consent of instructor.

**472-4 International Organization.** Development and organization of international governmental and administrative systems, with emphasis on the United Nations. Prerequisite: GSB 303.

**474-3 Law Enforcement Administration.** A study of the development and changing roles of the police; forms of state, local, and municipal control; conflict areas, intergovernmental cooperation, and developing needs for regional law enforcement; structures and internal administration of police departments; the police, organized crime, riots, and minorities. Prerequisite: 360, 467, or consent of instructor.

**475-8 (4,4) International Law.** (a) Rules and practices governing the nations in their relations in peace and war. (b) Investigation of special problems in international law. Prerequisite: GSB 303 and 475a or consent of instructor.

**477-4 Governments and Politics of Vietnam: North and South.** Development of nationalist and communist political groupings since the period of French domination. Role of the religious sects and the private armies. Constitutions and the legal and political systems of the two Vietnams.

**478-4 International Politics.** Alignment and conflicts of the major powers in historical and contemporary perspective. Emphasis on the basic interests of the great powers, regional arrangements, spheres of influence, the use of coercion in world politics. Prerequisite: basic courses, related training, or consent of instructor.

**480-4 The Pacific and the Far East.** Political and strategic problems and the

- interplay of the foreign policies of the major powers in this area. Prerequisite: GSB 303 or History 370.
- 484-8 (4,4) History of Western Political Theories.** (Same as Philosophy 484)  
 (a) Outstanding political theories of the ancient and medieval periods, including theories of Plato, Aristotle, Cicero, St. Augustine, and Thomas Aquinas.  
 (b) Important political theories from the Renaissance to the end of the 18th Century, including the theories of Machiavelli, Hobbes, Rousseau, Locke, and Burke.
- 485-4 Political Psychology.** Psychological theories as related to the development and change of political attitudes, leadership behavior, and mass political participation. Prerequisite: 200 recommended.
- 487-6 (3,3) American Political Ideas.** (a) Political ideas which shaped American beliefs and U.S. governmental systems, from pre-Colonial beginnings through the mid-Nineteenth Century. (b) Continuation of (a). From the mid-Nineteenth Century to the mid-Twentieth. Prerequisite: 231 or GSB 211b.
- 488-9 (3,3,3) Recent Political Theory.** (a) Outstanding liberal political theorists from John Stuart Mill to the present. (b) Outstanding revolutionary political theorists from Karl Marx to the present. (c) Outstanding idealistic and nationalistic political theorists from Hegel to the present. Prerequisite: senior or graduate standing, or consent of instructor.
- 490-2 to 6 Honors Research.** Not for graduate students. Prerequisite: consent of instructor and chairman.
- 495-8 (4,4) Constitutional Law.** (a) Constitutional law of the United States with emphasis upon cases dealing with the framework of our federal system. (b) American liberties. Prerequisite: 231 or GSB 211b.
- 496-4 Senior Seminar in Political Behavior.** Examines in depth such topics as political participation and influence (mass and elite), political conflict, political socialization and recruitment, political leadership. Prerequisite: 200 recommended.
- 497-4 Administrative Law.** Law as it affects public officials in carrying out the rights, duties, and necessary functions of the public office. Prerequisite: 360.
- 498-4 Jurisprudence.** (Theories of Law.) Major schools in legal thinking. Positive law and natural law. Idea of justice and concept of natural rights.
- 500-9 (3,3,3) Methods of Empirical Research.** (a) Problems in the philosophy of science as related to research in political science. (b) Discussion of alternate data acquisition techniques and research designs for social scientists. (c) Techniques of data analysis and computer applications in social science research. Sections a and b are required.
- 501-2 to 9 Seminar in Contemporary Legislation.** Prerequisite: basic courses, related training, or consent of instructor.
- 502-2 to 9 Seminar in Governmental Problems.** Prerequisite: basic courses, related training, or consent of instructor.
- 503-2 to 9 Seminar in Pressure Groups.** Prerequisite: 420 or consent of instructor.
- 504-4 Judicial Process.** An examination of the literature on such topics as judicial selection, the impact of court decisions, court procedure, and the factors affecting the decision-making behavior of judges. Prerequisite: 495 or equivalent or consent of instructor.
- 505-2 to 9 Seminar in Political Parties.** Prerequisite: basic courses, related training, or consent of instructor.
- 506-2 to 9 Seminar in Political Behavior.** Prerequisite: basic courses, related training, or consent of instructor.
- 508-2 to 9 Seminar in International Relations.** Prerequisite: basic courses, related training, or consent of instructor.
- 509-2 to 9 Seminar in International Organization.** Prerequisite: 472 or consent of instructor.
- 510-2 to 9 Seminar in State Government.** Prerequisite: 466 or consent of instructor.
- 511-2 to 9 Seminar in Local Government.** Prerequisite: 467 or consent of instructor.
- 512-2 to 9 Seminar in Public Administration.** (a) Devoted to comparative public administration. (b) In depth study of selected problems of public administration. Prerequisite: 461 or consent of instructor.
- 513-2 to 9 Seminar in Constitutional Law.** Prerequisite: 495 or consent of instructor.



**515-2 to 9 Seminar in Comparative Government.** Prerequisite: basic courses, related training, or consent of instructor.

**516-2 to 9 Seminar in Municipal Administration.** Prerequisite: 467 or consent of instructor.

**517-2 to 9 Seminar in Problems in Political Theory.** Prerequisite: 484, 488, or consent of instructor.

**520-2 to 9 Seminar in American Foreign Policy.** Prerequisite: basic courses, related training, or consent of instructor.

**521-1 to 12 Readings.** Supervised readings in selected subjects. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

**525-2 to 9 Seminar in International Law.** Prerequisite: 475a or consent of instructor.

**530-4 to 12 Internship in Public Affairs.** Field work in the office of a governmental agency; city, county, state, national, or international. Under certain circumstances it might be in the office of a political party organization or in that of some organized pressure group. The type of internship and the place and organization in which it is taken must be mutually satisfactory to the student and the department. A paper in which the student correlates his academic knowledge with his practical experience is required. Prerequisite: consent of department.

**531-4 to 12 Seminar in Empirical Theory.** Systems structural-functional, conflict, decision-making, integration, organization, exchange, communications, democratic, totalitarian, change, and revolution theories analyzed to determine domain and predictive and explanatory capacities. Half of these theories offered every other year. Prerequisite: 500a,b or consent of instructor.

**551-4 Polimetrics.** Advanced seminar in empirical political science. Topics explored in depth: simulation, graph theory, game theory, applied non-parametric statistics, multivariate analysis, sampling, attitude measurement (scaling), and other quantitative analytic techniques utilized by social scientists. Prerequisite: consent of instructor.

**582-4 Criminal Law and the Correctional Process.** A review of the basic principles and administration of the criminal law and the legal foundations of the juvenile court, the sentencing process, parole and probation, and the changing concept of mental competency. Prerequisite: consent of instructor.

**584-4 Seminar in Correctional Program Management.** A critical analysis of management influence on treatment programs in various correctional settings. Field trips, observation, and research in addition to readings. Prerequisite: consent of instructor.

**595-2 to 15 Individual Research.** Selection, investigation, and writing of a research topic under the personal supervision of a member of the departmental graduate staff. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 9 hours to be counted toward a degree. Prerequisite: consent of instructor.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Guidance and Educational Psychology

**412-4 Mental Hygiene.** A survey of principles concerning factors and conditions in personal life that tend to facilitate or deter mental health. Mental health viewed as living creatively in an atmosphere of satisfactory inter-personal relations. Prerequisite: 305.

**422-8 (4,4) Construction and Use of Evaluation Instruments.** (a) Study of the theory and techniques of measurement. Special attention to the construction and use of teacher-made tests. (b) Study of standardized tests and other measuring devices to reveal individual and group characteristics. Emphasizes application and interpretation for counseling, education, and research purposes. Prerequisite: 305.

**442-4 Basic Principles of Guidance.** Introductory course on student personnel services. Survey of philosophy, principles, and organization of guidance services. Prerequisite: 305.

**481-2 to 12 Seminar.** Conducted by staff members and distinguished guest lecturers on pertinent topics. Prerequisite: 305 and consent of instructor and department.

**501-2 to 12 Special Research Problems.** For majors in Guidance. Formulating,

investigating, and reporting on a problem in the area of guidance. Prerequisites: advanced standing and consent of department.

**505-4 Introduction to Statistical Methods.** Covers such basic descriptive techniques as measures of central tendency and variability, graphical presentation of data, and various derived scores. Also correlation, sampling theory, and hypothesis testing.

**506-4 Advanced Statistical Methods.** Basic statistical inference techniques: correlation, hypothesis testing, confidence intervals, introduction to prediction and one-way analysis of variance. Prerequisite: 505.

**507-4 Design and Analysis of Experiments.** Systems of organizing and analyzing data so that maximum information can be obtained. Analysis of variance, factorial design, square designs, mixed designs, tests of homogeneity, analysis of covariance, and multiple linear regression. Prerequisite: 506.

**511-4 Educational Implications of Learning Theories.** Survey of the major theories of learning. Emphasizes the implications of these theories for classroom practice. Prerequisite: advanced standing.

**515-4 Psychological Aspects of Education.** Designed to survey the applications of psychology to educational settings. Prerequisite: advanced standing.

**521-8 (4,4) Analysis of Classroom Behavior.** Trains school psychologists and other school personnel to serve as a consultant to classroom teachers regarding (a) prevention and modification of undesirable classroom behaviors and (b) effective use of learning principles. Must be taken in a,b sequence. Prerequisite: 305.

**530-4 Standardized Testing: Theory, Use, and Interpretation.** Principles and procedures for studying individual pupils and their problems for guidance purposes. Emphasis on interview, observation, ratings, case study, cumulative record. Prerequisite: 505.

**531-4 Theory of Measurement.** Standardized tests and other measuring devices studied to reveal individual and group characteristics. Application and interpretation for counseling, education, and research purposes. Prerequisite: 505 or consent of instructor.

**532-8 (4,4) Individual Measurement Theory.** (a) Assessment of individual mental factors with attention to theories, test validation, analysis of intelligence, and related research. Historical review, test standardization, and interpretation of the Stanford-Binet and Wechsler Scales are emphasized. (b) Discussion of problems in the administration of intelligence tests. Administration of the Stanford-Binet and the Wechsler intelligence scales for children. Must be taken in a,b sequence. Prerequisite: 505 or consent of instructor.

**537-4 Counseling Theory and Practice.** Systematic study of the assumptions and fundamental practices of major approaches to counseling. Observation and practice utilized to supplement didactic discussion. Prerequisite: consent of department.

**541-4 Occupational Information and Guidance.** For school counselors, industrial supervisors, and teachers to give an orientation to and experience with occupational information and vocational adjustment. Prerequisite: 442.

**543-4 Guidance Through Groups.** Study of the methods, techniques and materials for the organization and utilization of groups for guidance purposes. Prerequisite: 442.

**545-2 to 4 Seminar.** Doctoral seminar in behavioral foundations of education. Open only to students admitted to doctoral curricula who have completed 590.

**546-8 (4,4) Personality Assessment.** The review of related literature covers test development, standardization procedures, related research, and test interpretation. (a) Assessment of individual interests, motivations, and perceptual systems with attention to theories and assumptions of objective diagnostic tests. (b) Projective diagnostic tests, theories, and assumptions are stressed. Must be taken in a,b sequence. Prerequisite: 532a or consent of instructor.

**548a-2 to 4 Practicum in Secondary Guidance.** Supervised experience in group and individual guidance procedures with children and in working with parents and teachers. The development and organization of a secondary school guidance program is stressed, including the use and interpretation of occupational and other test materials appropriate for the secondary interpretation of occupational and other test materials appropriate for the secondary school. Prerequisite: 537 or consent of instructor.

**548b-2 to 4 Practicum in Elementary Guidance.** Supervised experience in



group and individual guidance procedures with children and in working with parents and teachers. The development and organization of an elementary school guidance program is stressed, including the use and interpretation of occupational and other test materials appropriate for the elementary interpretation of occupational and other test materials appropriate for the elementary school. Prerequisite: 537 or consent of instructor.

**548c-4 to 8 Practicum in Counseling.** Practical experience at the appropriate grade level in counseling with a representative sample of the population. Includes counseling and listening to recordings of counseling sessions individually or in groups. Prerequisite: consent of instructor.

**548d-2 to 8 Practicum in School Psychology.** Supervised experience to help the student work effectively as a psychologist in the school setting. Focuses on the application of specific psychological skills, the teacher consultation, and program planning for educationally handicapped children. Prerequisite: consent of instructor.

**553-2 to 4 Organization and Administration of Guidance and Pupil Personnel Services.** Principles, procedures, and plans necessary for initiating, developing, and appraising a school guidance program. Prerequisite: 537.

**555-2 to 12 Seminar in School Psychology.** Major professional issues and responsibilities; the school as a social system; ethical considerations; school related agencies and facilities; and professional organizations. Assists the student prepare the project proposal required for the specialist's certificate. Prerequisite: consent of instructor.

**562-8 (4,4) Human Development in Education.** Theories and research evidence regarding child development and behavior are investigated. These considerations focus upon implications for research and educational practices. (a) Childhood. Prerequisite: advanced standing. (b) Adolescence. May be taken in a,b sequence.

**567-2 to 12 Topical Seminar in Educational Psychology.** Contemporary topics and problems in the area of educational psychology. Conceptual and empirical activities. Prerequisite: consent of instructor.

**568-2 to 16 Topical Seminar in Counseling and Guidance.** Issues in counseling, counseling theories, research methodology, contemporary and classical research design, modern trends in applied research. Prerequisite: consent of instructor.

**580-2 to 10 Topical Seminar in Statistics and Measurement.** Discussion and practical experience in dealing with advanced statistical and measurement problems. In-service training is available for advanced graduate students. Prerequisite: consent of instructor.

**581-1 to 12 Specialized Practicum in Counseling, Guidance, and Counselor Supervision.** Prerequisite: 548c.

**590-2 Seminar in Behavioral Foundations.** A course required of all students beginning advanced graduate study. Students examine empirical modes of inquiry and empirical formulations of learning behavior. Topics explored include the classroom as a social system, the learner, learning models and data language. (Taken concurrently with Educational Administration 591. Prerequisite: formal admission to Doctor of Philosophy studies.)

**596-2 to 12 Independent Investigation.** For specialist's certificate students. Prerequisite: consent of instructor.

**597-1 to 10 Independent Study.** For doctoral students in educational psychology. Formulating, investigating, and reporting on research problems in the area of guidance and educational psychology. Prerequisite: consent of department.

**599-3 to 9 Thesis.**

**600-1 to 48 Dissertation.**

## Health Education

**400-4 Health Appraisal of School Children.** The role of the teacher in the health appraisal of the school child, including school health examinations, use of health records, and emphasis on training for recognition of health deviations from normal common among school children. Not open to students who have had 450.

**405-4 Sex Education in Schools.** Problems of teaching sex education in schools. Designed to meet state requirements for preparation of teachers.

**415s-3 to 4 Workshop in Driver Education and Traffic Safety.** Summer course designed for pre-service and in-service teachers of driver education and traffic safety. Individual and group problems will be treated. Lectures by safety authorities, demonstrations, field trips, audio-visual materials, and individually supervised research in special problem areas. Prerequisite: 302 or equivalent.

**442s-4 Practicum in Driver and Traffic Safety Education II.** Provides prospective teachers with dual-control, simulation, and multiple-car laboratory teaching experiences. Teaching beginners, developing programmed lessons, methods, and materials of instruction included. Prerequisite: 302s.

**443s-4 Driver and Traffic Safety Education Program Administration III.** Includes a study of program administration, supervision, and planning. Prerequisite: 442s.

**445s-4 Driver Simulation.** For in-service and pre-service teachers and supervisors of driver and traffic safety education. Methods of instruction, equipment familiarization, program development and objectives. Prerequisite: 443s or consent of the instructor.

**450-4 Health Education in the Elementary School.** Responsibilities of schools to instruct their students in basic fundamentals of how to live healthfully. Principles, methods, programs and materials for the elementary teacher. The integration of health with other subjects, health observation of children, abnormalities, screening tests, and related materials. Not open to students who have had 400.

**460-4 School Health Program.** Shows the prospective teacher the fundamental processes involved in the teaching of health education at the secondary level.

**461-4 Workshop in Health Education.** Summer course for in-service teachers, administrators, advanced students, nurses, social workers, and others interested in public health aspects of school and community living. Individual problems of classroom health treated as units in such fields as speech defects and their detection and correction, communicable disease control, nutrition, social and mental hygiene. Lectures, demonstrations, films, field trips, and individually supervised research in special problems. Prerequisite: 100 or its equivalent.

**462-4 Health Education Workshop.** A continuation of 461 with emphasis on total school health teaching objectives.

**463-1 to 4 Workshop in Health Education with Emphasis in Disaster Preparedness.** A continuation of 462.

**464-4 Workshop in Alcohol Education.** Summer course for in-service teachers, administrators, and others interested in the development and improvement of alcohol education programs at the elementary and secondary school levels. Includes approaches to understanding physiology of alcohol, cultural differences and patterns of alcohol problems, teenage drinking and current theories and approaches to alcoholism. Emphasis on the analysis and development of content, methods, materials, teacher preparation, and special needs and problems of individual communities. Demonstrations, lectures, films, field trips, and individual research in special areas.

**471-4 Organization and Administration of School Health.** Appraisal of overall school organization for health education, including health service and personnel, health and safety instruction, school environment, school health examination, local, state, and federal resources for health, health councils, and interdepartmental relationships.

**475s-3 Traffic Law Enforcement and Planning.** Acquaints Safety and Driver Education teachers with the purposes of traffic law enforcement and engineering and the methods used to fulfill these purposes on ways of improving existing services. Prerequisite: 433s or consent of instructor.

**480s-4 Workshop in Safety Education.** Summer course for in-service teachers, nurses, administrators, advanced students, and others interested in safety education as it applies to the public school and the community. Individual problems, lectures, demonstrations, films, field trips, and individual group study in special areas of interest. Prerequisite: 313 or 323 or consent of instructor.

**481s-4 Safety Education Workshop.** A continuation of 480s with emphasis on methods and evaluation of total school safety education. Prerequisite: 314s or 323s or 480s or consent of instructor.

**485-4 International Health.** A survey and analysis of the health beliefs, values, and practices of peoples in other cultures, with particular attention to how these beliefs and practices fit into a total way of life. An international



orientation of potential value to both prospective teachers and students in other fields.

**488-4 Health Education Aspects of Environmental Sanitation.** Application of principles of learning to man's contacts with his environment: water, food, air, radiation, housing, and refuse. Emphasis is placed upon both individual and community aspects of environmental health. Prerequisites: 100, 205, or equivalent.

**489-4 Introduction to Vital Statistics.** An introduction to bio-statistics; examination of theories of population growth; understandings of collection, organization, summarization, presentation, evaluation, and interpretation of data relative to biological happenings. Prerequisite: Mathematics 120 or equivalent.

**490-2 to 8. Field Work in School and Community Health.** Field training, observation, and participation in current public and school health programs. Area schools and public health agencies will be utilized to provide practical experience for the health education student. Restricted to majors in the department.

**491-4 Health Teaching Methods in School and Community.** Various dimensions of teacher-student relations in the classroom with emphasis on the multiple roles of the teacher. Prerequisite: 305, 471, or consent of instructor.

**500-4 Community Organization for Health Education.** Review of the philosophies of community organization for health; techniques of group work, current research in community organization and examination of programs of community health agencies.

**510-4 Construction of the Curriculum in Health Education and Safety.** Review of health and safety instruction programs in elementary and secondary schools, consideration of health and safety needs and interests and their relationships to the curriculum, evaluation of health texts, and evaluation of current research.

**511-5 Practicum in Health Education Workshop.** Designed to give graduate and post-graduate students experiences in organizing, planning, and operating in-service training programs through workshop methods.

**515-4 Review of Current Literature in Health Education, Public Health and Safety Education.** A survey and analysis of the newer publications in the related fields of health education, public health, and safety education.

**520-4 to 6 Special Projects in Health Education and Safety.** Detailed research and study on advanced problems in the fields of public health, safety education, and health education.

**525s-4 Organization, Administration, and Supervision of Safety Education.** Designed to give the student basic principles of organization, administration, and supervision of safety education. Problems, policies practices, and methods involved in the organization and administration of a safety education program.

**526-4 Evaluation in Health Education and Safety.** Surveys and analyses of health and safety testing and evaluation, procedure includes surveys; inventories; knowledge, behavior and attitude tests; check lists; and questionnaires, their uses and limitations. Evaluation of total school health and safety program is emphasized. Prerequisite: consent of department.

**530s-4 Problems and Research in Accident Prevention.** Principles of accident prevention, causes of accidents, problems of behavior in school, home, traffic and transportation. Prerequisites: 443s, 525s, or consent of instructor.

**533a-4 Human Conservation.** An analysis of community health problem trends and changes including aging; chronic and degenerative diseases; mental illnesses; traumatic illness, injuries, and defects; radiological hazards; communicable diseases; and maternal and child health problems. An epidemiological approach to the cause, nature, extent, and trends in erosion and wastage of human resources. Prerequisite: permission of instructor.

**533b-4 Human Conservation II.** An analysis of community structures in relation to positive health services, education, and health living in respect to community health problems and health requirements. A study of trends in programming to meet minimum health requirements and to care for or ameliorate existing health problems and hazards on a communitywide basis. Prerequisite: 533.

**533c-4 Human Conservation III.** An analysis of the unmet health needs or requirements for optimum conservation of human resources in the community including a study of pilot and experimental programs and research in community efforts to meet health needs and solve existing health problems. An evaluative approach to existing health programming and research including

an analysis of further needed experimentation and research and possible sources for leadership and funds for promoting community health research, programmings, and plannings. Prerequisites: 533a,b.

**536-4 Professional Preparation in Health Education.** National, state, local factors influencing teacher preparation in health education, including accreditation of teacher education programs, certification of health education teachers. Undergraduate and graduate curricula developed and analyzed.

**590-4 to 12 Field Internship.** Full quarter of field work with an approved department of public health or voluntary health agency under the supervision of the agency officer in charge and the supervisor from the Department of Health Education.

**597-3 (1,1,1) Seminar in Health Education and Safety.** Devoted to discussing individual health and safety projects, presenting research problems, and preliminary presentation of dissertation topics.

**599-3 to 9 Thesis.**

**600-1 to 48 Dissertation.** The dissertation for the Doctor of Philosophy degree in the College of Education must meet the minimum requirements of 36 hours.

### Higher Education

**402-2 Principles of College Student Personnel Work.** An exploratory course designed to acquaint the student with the career possibilities and functions of higher education.

**510-4 Higher Education in the United States.** An overview of American higher education: its development and scope, organizations and functions, issues and criticisms.

**512-4 Higher Education in Selected Nations.** Study of higher education systems and trends outside the United States, and of the university in world affairs.

**513-4 Organization and Administration in Higher Education.** Theories and practices in governance of various types of higher education institutions with attention, through case studies, to problems of formal and informal structures, personnel policies, decision-making, institutional self-study, and societal-governmental relations.

**515-4 College Student Personnel Work: Operations and Policies.** Study of organization, functions, and undergirding policies of student personnel services and programs in contemporary colleges and universities.

**516-4 College Student and College Culture.** A study of the nature of the student, the impact of the college on student development, the nature of the college as a unique social institution, and the interaction between the student and his institution.

**518-4 College Teacher and College Teaching.** Study of contextual roles of academic man as teacher, scholar, and faculty member; of teaching-learning processes, programs, and evaluations; and of professional values, including academic freedom.

**522-1 to 12 Readings in Higher Education.** Supervised readings in aspects of such general areas in higher education as college teaching and learning, central administration, college student services, policy issues, or history of higher education. Prerequisite: consent of instructor.

**523-1 to 12 Internship in Higher Education.** Supervised field experience in appropriate settings, with evaluative seminars. (a) College Teaching. (b) College Student Personnel. (c) College Administration. (d) Institutional Research. Prerequisite: consent of department.

**524-2 to 6 Individual Study.** Individual inquiry into selected problems in higher education. Prerequisite: consent of instructor.

**535-2 Higher Education Seminar I.** A series of seminars for specialized areas of administrative practice and policy. (a) Educational Programming in Student Housing. (b) Business Administration of Student Housing. (c) Student Personnel Group Work. (d) Non-Academic Personnel Management. (e) Problems in Central Administration. (f) Business and Fiscal Administration. (g) Academic and Faculty Administration. (h) Administration of Admissions and Records. (i) Junior College Administration. (j) The Technical Institute. (k) Adult and Continuing Education. (m) Institutional Research. (p) Development and Management of Organized Research.



**545-3 Higher Education Seminar II.** A series of seminars for reflective and scholarly inquiry into significant domains in higher education. Prerequisite: consent of instructor. (q) History of Higher Education. (r) Sociology of Higher Education. (s) Law, Legislatures, and Higher Education. (t) Aesthetics and Higher Education. (v) The Federal Government and Higher Education.

**551-4 Curriculum Design and Policy.** Study of assumptions, materials, method, and evaluation in the designs of various curricula in colleges and universities, with attention to curriculum resources and policy.

**555-4 Philosophy of Higher Education.** (Same as Philosophy 555.) Critical examination of assumptions and aims, operations and consequences, and basic concepts and symbols of higher education from philosophic perspectives.

**665-4 The Community-Junior College.** A study of the nature and function of the junior (or community) college in American higher education, and its relationships to the community and other educational institutions. Course content treats special problems of curriculum, student services, finances, faculty selection and growth, and general policy.

**578-4 Economic Aspects of Higher Education.** A study of economic aspects of higher education in American society. The emphasis on sources and management of college and university financing includes budgeting, control, and current trends.

**589-4 to 6 Advanced Research.** Selection, investigation, and writing of a special research project under the personal supervision of a graduate faculty member. Prerequisite: consent of instructor.

**595-1 to 12 Higher Education Seminar III.** Varied content. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.**

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## History

**401-9 (3,3,3) History of the South.** Social, economic, political, and cultural developments of the South. (a) To 1850. (b) 1850-1900. (c) Since 1900.

**403-6 (3,3) American Economic History.** (a) To 1800. (b) 1800-1900.

**404-3 Democracy, Nationalism, and Sectionalism, 1790-1828.** Issues and conflicts which dominated the American political scene prior to the emergence of Jacksonian democracy. Prerequisite: GSB 300a.

**405-6 (3,3) United States History 1850-1896.** (a) Civil war. (b) Reconstruction and industrialization. Prerequisite: GSB 300b or consent of the instructor.

**406-6 (3,3) Diplomatic History of Europe.** (a) From the Congress of Vienna to the Fall of Bismark (1815-1890). (b) From 1890 to the present.

**408-6 (3,3) Problems in Black American History.** Developments which formed the foundation for the "Black Revolution" of the present time. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**409-9 (3,3,3) U.S. Constitutional History.** A content and research course involving origin and development of the American constitution, from English background through the convention to the present. (a) To 1830. (b) 1830 to 1912. (c) 1912 to present.

**410-2 to 5 Special Readings in History.** Supervised readings for students with sufficient background. Registration by special permission only. Offered on demand.

**411-9 (3,3,3) Social and Intellectual History of the United States.** (a) 1607-1830. (b) 1830-1900. (c) 1900 to present. The development of American society and a study of various types of economic, social, and political thought that have influenced it.

**414-9 (3,3,3) Intellectual History of Modern Europe.** (a) The Enlightenment, (b) The 19th century, (c) The 20th century.

**416-6 (3,3) Early Modern Europe.** (a) Renaissance. (b) Reformation. Prerequisite: Six hours of 300-level social science or consent of the instructor.

**417-9 (3,3,3) Advanced English History.** (a) The Empire-Commonwealth. (b) Constitutional history. (c) English culture in the age of the American Revolution. (d) Tudor England.

**419-6 (3,3) Europe in the Age of Absolutism.** (a) 1648-1715. (b) 1715-1789. Prerequisite: Six hours of 300-level social science or consent of instructor.

**420-4 The French Revolution.** A sketch of the passing of feudalism in France,

the background and development of the revolutionary movement, and the Napoleonic period.

**425-6 (3,3) American Colonial History.** (a) Discovery and Settlement, (b) British Imperial structure.

**428-3 The Age of Jackson.** Origins, background, and development of that phase of American democracy associated with the Jacksonian era. The political, social, and economic history of the years 1815-1844.

**430-9 (3,3,3) Late Modern Europe.** (a) Age of Revolution, 1815-1880. (b) 1880-1918. (c) Since 1918. Age of Dictatorships.

**434-9 (3,3,3) The Social and Political History of Modern Europe.** (a) 1815-1870. (b) 1870-1914. (c) Since 1914. Prerequisite: Six hours of 300-level social science or consent of instructor.

**435-9 (3,3,3) Twentieth-Century United States History.** Important developments in recent United States history. (a) 1896-1919. (b) 1919-1937. (c) 1937 to present. Prerequisite: GSB 300c or consent of instructor.

**440-9 (3,3,3) History of American Diplomacy.** A study of the important treaty relations of the United States, and a general consideration of American foreign policies. (a) America in isolation (to 1860). (b) The emerging America (from 1860 to 1920). (c) America on the world scene (1920 to the present). Prerequisite: GSB 300 a,b.

**442-9 (3,3,3) History of the West.** (a) Colonial. (b) Trans-Allegheny. (c) Trans-Mississippi.

**448-6 (3,3) History of Southeast Asia.** (a) To 1900. (b) 1900 to present.

**449-6 (3,3) Advanced African History.** (a) Cultural history of traditional states, the slave trade, and the interaction of traditional systems and European culture. (b) Investigations into the most important historical questions and interpretations of the regions covered in (a). Prerequisite: 349a,b, or c, or consent of instructor, or graduate standing.

**451-3 Great Historians.** Writings of historians from Herodotus to Toynbee. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**452-3 Methods of Historical Research.** Fundamentals of historical investigation, criticism, and composition. For concentrations in history only.

**455-3 History of Inner-Asian Relations.** Tribes, migrations, wars, and power politics in Central Asia and outlying areas of China from Han times through 19th century rivalries to latest development along the Sino-Soviet frontier.

**460-9 (3,3,3) Social and Intellectual History of the Middle Ages.** (a) 500-1000. (b) 1000-1250. (c) 1250-1500.

**463-6 (3,3) History of France.** French social, economic, political, and intellectual evolution from medieval origins to the present day and of the French contributions to Western culture. Prerequisite: 6 hours 300-level social science, or consent of department.

**464-6 (3,3) History of Germany.** (a) German state and society from the Middle Ages to the early 19th century. (b) Germany since 1815. Prerequisite: Six hours of 300-level social science or consent of instructor.

**465-6 (3,3) History of Russia.** (a) Traditional Russia to 1905. (b) Revolutionary Russia Since 1905.

**470-3 Argentina and Chile.** A narrative and comparative study of the independent era of the history of these two leading states of South America.

**471-6 (3,3) History of Mexico.** (a) 19th century. (b) 20th century. Significant political, economic, diplomatic, social, and cultural aspects of Mexican life from independence to modern Mexican life.

**472-3 Colonial Latin America: Policies and Practices.** Theory and operation of the colonial system. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**473-6 (3,3) The Caribbean Area.** (a) In the 18th and 19th centuries. (b) In the 20th century. An inquiry into the changing role of the political, economic, strategic and cultural nature of this Mediterranean of the New World.

**474-3 United States-Mexican Relations.** Relations between the United States and Mexico. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**475-6 (3,3) Dictatorship in Latin America.** A political, economic, social and military study of the domestic and international aspects of dictatorship. (a) 19th century. (b) 20th century. Prerequisite: junior standing.

**476-3 Andean South America Since Independence.** A narrative and comparative study of Bolivia, Colombia, Ecuador, and Peru in the nineteenth and twentieth centuries. Prerequisite: 6 hours of 300-level social science or consent of department.



- 477-3 Brazil Since Independence.** Cultural, diplomatic, military, political, and socio-economic elements of Brazilian life from independence to the current era. Prerequisite: 6 hours of 300-level social science or consent of instructor.
- 478-6 (3,3) History of Spain.** (a) To 1700. (b) 1700 to present. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.
- 481-6 (3,3) History of Rome.** (a) Rome from republic to empire, 133 B.C.-A.D. 14. (b) Roman Empire to the death of Constantine. Prerequisite: Six hours of 300-level social science or consent of instructor.
- 482-6 (3,3) Cultural History of Greece.** (a) Hellenic civilization as reflected in its religious, historical, scientific, and philosophical thought, and in its literature and art. (b) The decline of the Greek city-states in the 4th century B.C., the Age of Alexander, and the political, social, economic, religious, and cultural developments of the Hellenistic period. Prerequisite: 6 hours of 300-level social science or consent of department.
- 498-6 (3,3) History Honors.** Study of the great ideas and works of history, for senior honors students in history; directed research for the honors thesis. (a) History honors. (b) Research, honors thesis. Prerequisite: consent of department.
- 500-4 to 10 History Seminar.** (a) American history. (c) Latin American history.
- 509-4 Studies in Negro History.** Readings, discussions, and papers, of selected areas of Negro life and thought.
- 510-2 to 12 Readings in History.** Individual readings course. Prerequisite: consent of department.
- 514-4 Studies in Asian History.** Pro-seminar course on select topics in Asian History. Prerequisite: consent of department.
- 515-8 (4,4) Seminar in Twentieth Century United States History.** United States history since 1896 with emphasis upon politics and political behavior. Prerequisites: graduate status.
- 518-4 England in the Age of the "Glorious Revolution."** An analysis of the ideas and forces that converted the English government into a liberal state with an emphasis on the concepts and principles later applied in the establishment of the American Constitution.
- 519-8 (4,4) The Age of Jefferson.** Rise and development of Jeffersonian Democracy, 1790-1824, with emphasis upon social, economic, and political programs of Republicans and Federalists; the clash of mercantile and agrarian interests.
- 520-8 (4,4) Sectionalism and Reform.** Study of major political, economic, and social issues, 1820-1850, which divided the United States and prepared the way for civil war.
- 521-8 (4,4) Seminar in American Diplomatic History.** A content and research course concerning selected studies in American diplomacy. Prerequisite: 6 hours of 300-level social science or consent of instructor and 440.
- 522-8 (4,4) Seminar in American Economic History.** (a) Reading seminar in the economic aspects of American history. (b) Research seminar problems. Prerequisites: Economics 214 or 215 or consent of instructor.
- 523-8 (4,4) Seminar in American Social History.** Research and writing in selected topics relating to the development of American society and institutions. Prerequisite: consent of instructor.
- 524-8 (4,4) Seminar in American Constitutional History.** (a) Reading seminar devoted to the important literature in constitutional history. (b) Research seminar in which the student will closely investigate a significant topic. Prerequisite: consent of instructor.
- 525-8 (4,4) Seminar in American Colonial History.** Advanced research in specific areas of American Colonial history. Prerequisite: consent of instructor.
- 553-4 New Viewpoints in American History.** New interpretations and recent developments in American history. Prerequisite: GSB 300.
- 568-8 (4,4) Seminar in Illinois History.** A seminar in selected topics in Illinois history, 1818-1918. Prerequisite: consent of instructor.
- 574-4 United States-Mexican Relations.** A content and research course concerning international relations between the United States and Mexico.
- 575-12 (4,4,4) Studies in Latin American History.** A content and research course concerning selected studies in Latin American history.
- 582-4 to 8 (4) Studies in Medieval and Renaissance History.**
- 583-8 to 16 (4,4) Seminar in Medieval and Renaissance History.**
- 586-4 to 8 (4) Studies in Early Modern European History.**
- 587-8 to 16 (4,4) Seminar in Early Modern European History.**

- 590-4 to 8 (4) **Studies in Modern European History.** Prerequisite: graduate standing or permission of department.
- 591-8 to 16 (4,4) **Seminar in Modern European History.** Prerequisite: graduate standing or permission of department.
- 598-3 (1,1,1) **Teaching History in College.** Required of all first-year teaching assistants.
- 599-1 to 9 **Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-1 to 48 **Dissertation.**

### Home and Family

- 407-2 to 8 **Workshop.** Aids workers in professions related to home and family.
- 423-4 **Advanced Family Housing.** (Same as Clothing and Textiles 423.) Further appreciation and understanding of aesthetic, economic, psychic, and social factors influencing choice of family housing today. Prerequisite: 323.
- 445-4 **Administration of Pre-School Program.** Objectives in pre-school programs. Programming, including housing, equipment, health protection, and supervision. Field trip. Prerequisite: 345b or consent of instructor.
- 456-4 **Infant Development.** Current theories and knowledge concerning growth and development of infants with related laboratory and field experiences. Prerequisite: 237 or Psychology 301 or equivalent.
- 466-2 **Practicum in Parent-Child Study.** Designed to increase student's ability to work with parents and parent groups through an awareness of factors in the parent-child relationship and knowledge of current research and methods in parent education. Integration with infant and child development laboratories and related field experience. Prerequisites: 227 and 237 or equivalent.
- 500-4 **Research Methods.** The nature of the scientific method and basic techniques in home and family research as applied to the collection, analysis and interpretation of data. Prerequisite: Guidance 505.
- 540-4 **Trends in Consumer Problems.** Social, legal, and economic problems that pertain to the consumer. Selection of individual problems for investigation. Prerequisite: 341 or equivalent.
- 550-4 **Advanced Home Management.** Readings, observations, projects, and discussions on selected problems with emphasis on time, money, energy, and family relations. Prerequisites: 331 and 332 or equivalent.
- 556-4 **The Pre-School Child.** Growth of the child from birth to six years with emphasis on the various aspects of growth and their interrelationships.
- 562-4 **Child Development Through Home and School.** The normal, healthy development of children as it takes place in the home and is promoted by the curriculum and other school activities.
- 566-4 **Interpersonal Relationships Within the Family.** Factors that promote satisfactions within the immediate family. Prerequisites: 227 or GSB 341, 237, and 331.
- 571-4 **Recent Research.** Review of selected research in various phases of home economics in related fields. Sources of research include colleges, universities, and governmental and industrial agencies. Offered on demand.
- 572-2 to 8 **Special Problems.** For students recommended by their chairman and approved by the head of the department and the instructor in charge for independent work or directed study.
- 599-2 to 9 **Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-3 to 48 **Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Home Economics Education

- 414-4 **Home Economics for Elementary Teachers.** Units of work in nutrition, school lunches, family and social relationships, textiles, and clothing.
- 415-1 **Introduction to Graduate Study.** Seminar to orient the student to graduate work through relation of courses to goals of program, standards of work, habits of thinking, communication of ideas, uses of professional materials and publications. Required. Students should take at first opportunity.
- 481-2 to 6 **Readings.** Supervised readings for qualified students. Prerequisite: consent of instructor and chairman of department.
- 485-3 **Principles and Philosophies of Vocational and Technical Education.** (See Technical and Industrial Education 485.)



**500-4 Research Methods.** Methods employed in research in home economics education with special study of one according to interest and needs of student. Development of prospectus. Prerequisite: 505.

**505-4 Home Economics in Secondary Schools.** Consideration of the curriculum for homemaking education in the secondary school. A critical survey of resources. The place of homemaking education in the school and community.

**506-4 Evaluative Procedures in Home Economics.** Principles and procedures underlying appraisal and evaluation. Development and critical consideration of instruments for appraising pupil growth and the program of instruction. Emphasis placed on values.

**507-2 to 8 Workshop.** Designed to aid home economics teachers, supervisors, and leaders in the field with current problems. Resource people are used. Discussions, reports, lectures, and other methods of analyzing and working on solutions to problems. Emphasis for the workshop will be stated in the announcement of the course.

**510-4 Supervision of Home Economics.** Nature, function, and techniques of supervision at all levels. Emphasis given to supervision of student teachers. Experience in the field will be provided for qualified teachers.

**510A-1 to 4 Practicum in Supervision.** Experience in using a variety of techniques at various levels and areas of supervision both on and off campus. Prerequisite: 510 or Educational Administration 556 or consent of instructor.

**515-4 Trends and Issues in Home Economics Education.** Current trends, problems, needs in the field. Attention given to problems and needs of students.

**516-4 Advanced Methods of Teaching Home Economics.** Recent trends in methods based on research and experimental programs; furthering good relations in homemaking classes as means of clarifying and accomplishing goals; teacher's role; techniques useful in furthering good relations within group and in meeting individual needs. Emphasis given to social significance of these procedures.

**517-4 Methods and Materials for Adult Programs in Home Economics.** Philosophy of adult education; unit planning, methods, techniques, and resources useful in adult homemaking programs.

**525-4 Cooperative Vocational-Technical Education.** (See Technical and Industrial Education 525.)

**571-4 Recent Research.** Review of selected research in various phases of home economics in related fields. Sources of research include colleges, universities, and governmental and industrial agencies. Offered on demand.

**572-2 to 8 Special Problems.** For students recommended by their chairman and approved by the head of the department and the instructor in charge for independent work or directed study.

**573-1 to 6 Seminar: Research in Home Economics.** Presentation of prospectus outlines, research projects, problems for research, progress reports of research by graduate students and faculty. Prerequisite: consent of instructor.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Instructional Materials

**400-2 Library Research Methods.** Introduction to the use of library materials in graduate research. Includes a survey of scholarly publishing and the use of reference works in various subjects.

**403-4 School Library Functions and Management.** Effective library services in relation to the educational objectives of elementary and secondary school programs: organization, supervision, finance, housing, equipment, standards, and evaluation.

**405-4 Library Materials for Children.** Study of the aids, methods, and criteria for the selection and use of books and other instructional materials for children in the elementary schools.

**406-4 Library Materials for Adolescents.** A study of the aids, methods, and criteria for the selection and use of books and other instructional materials for students in the high school.

**407-4 Basic Reference Sources.** Evaluation, selection, and use of reference sources for elementary and secondary school libraries. Principles and methods of reference service.

**410-4 Public Library Administration.** The administration of municipal, county, and regional libraries, both large and small, with emphasis on meeting the needs of different types of communities.

**413-4 Cataloging Non-Book Materials.** The classification, cataloging, preparation and circulation of all types of non-book material such as films, filmstrips, slides, realia, etc. Prerequisite: 308.

**417-4 Audio-Visual Learning Methods in Education.** Selection and utilization of instructional materials in the learning environment, elementary through adult levels. Audio and visual materials and procedures are emphasized with some attention given to bibliographies and reference books for teachers.

**420-4 School Library Activities and Practice.** Supervised practice and observation integrated with instruction in the typical activities of school librarianship; storytelling, publicity, developing units of library instruction, and work with students. Prerequisites: 308, 403, 405, or 406 and 407.

**440-4 Photography for Teachers.** Photography as a tool of communication in the modern school. Techniques of camera handling, visually planning a story, macrophotography, color slides.

**445-4 Preparation of Teacher-Made Audio-Visual Materials.** Laboratory practice in the preparation of bulletin boards, opaque materials, models, slides, recordings, feltboards, and other graphic materials. Prerequisite: 417 or consent of instructor.

**448-4 Supervision and Administration of an Audio-Visual Program.** Provides professional information and training for anyone who has administrative responsibilities for an audio-visual program. For teachers, coordinators, or directors. Prerequisite: 417 or consent of instructor.

**450-4 Classroom Teaching with Television.** Classroom utilization of open and closed circuit television. Emphasis is placed on the changed role of the classroom teacher who uses television. Evaluation of programming, technicalities of ETV, and definition of responsibilities are included. Demonstration and a tour of production facilities are provided.

**457-4 Radio and Television in the Classroom.** Educational programs and their value to the teacher in the classroom. Sample tapes of radio programs and kinescopes are used.

**458-4 The Medium of the Motion Picture.** A study of the full range of expression by motion pictures including documentary, theatrical, educational, experimental, and industrial films. Representative films are screened.

**470-4 Programming Automated.** The principles and practice of writing both linear and intrinsic types of programmed instruction with emphasis on pictorial and performance branches. Individual experience in planning and producing programs.

**505-3 Literature of the Humanities.** Book selection and reference. Emphasis on literature, philosophy, music, and art. The philosophy and techniques involved in using major reference tools efficiently in the library. Prerequisite: Instructional Materials 407.

**506-3 Literature of the Social Sciences.** Book selection and reference in the fields of history, political science, economics and business, sociology, anthropology, and other closely related fields. Includes basic terminology, structure of literature, and problems of bibliographical control and information retrieval. Prerequisite: 407.

**510-4 Mass Communications in Education.** The use of mass media in the classroom. Includes radio, TV, comic books, newspapers, magazines, movies.

**514-4 Survey of Research and Development in Instructional Materials.** Advanced readings in research in instructional materials and the practical application of findings. Prerequisites: 405, 406, 417 or consent of instructor.

**523-4 Seminar on Junior College Librarianship.** Problems of particular significance to the junior college librarian: organization, materials, responsibilities, standards, and evaluation.

**530-4 History of Books and Libraries.** The evolution of the printed book and the rise and development of modern libraries.

**546-4 Integration of Audio-Visual Materials in the Classroom.** Selection of materials on the basis of curricular needs. Techniques of evaluating each type of audio-visual material for use in the classroom. Structured for both the audio-visual administrator and the class room teacher. The principles and practices of integrating audio-visual materials into the curriculum are discussed, also the problems, annotations and classification of evaluated materials. Prerequisites: 417, or consent of instructor.



**547-4 School Film and Filmstrip Production.** Simplified techniques for teachers and audio-visual coordinators who may need to produce school-made films and filmstrips to meet local school problems. Prerequisites: 417 and 440 or consent of instructor.

**549-4 Visual Learning.** Learning from pictures in the classroom, the design of still and moving pictures, pictures used in testing perception, and the place of pictures in advertising and communication. Prerequisite: consent of instructor.

**554-4 Administration of an Instructional Materials Center.** Based on the concept of a single agency in the school that encompasses all forms of instructional materials. It is designed to further the training of specialists in the supervision and administration of integrated audio-visual and library programs. Prerequisite: 403.

**560-4 Seminar in Instructional Materials.** Designed to give advanced graduate students an opportunity to investigate and discuss topics in instructional materials before the seminar group. Topics selected would depend on background and interest of individuals. Prerequisite: consent of instructor.

**576-2 to 8 Problems in Instructional Materials.** Opportunity for individual study of selected problems. Prerequisite: consent of instructor.

**599-5 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.**

## Interior Design

**418-2 to 8 Workshop.** Current problems facing the professional interior designer. Discussion, reports, lectures, design solution presentations, and other methods of analyzing and working on design problems. Prerequisite: consent of chairman.

**470-4 Interior Design Seminar.** Development of systematic approach involving systems analysis, human factors engineering, environmental variables. Prerequisite: consent of chairman.

**481-2 to 6 Readings.** Individual interests in design-related research. Prerequisite: consent of chairman.

## Journalism

**401-3 International Journalism.** A study of the history, development, current status, and implications of the press and news services of other countries and their relationship to the international communications system. Prerequisite: senior standing.

**420-4 2 to 4 High School Journalism Workshop.** For public school teachers.

**421-4 School Publications.** Designed for the prospective journalism teacher or high school publications director. Deals with practical production problems of newspapers and yearbooks.

**422-3 Teaching High School Journalism.** Teaching methods of journalism in secondary schools, organization and course of study, bibliography, use of journalism courses for school publications production.

**431-3 Public Relations.** Current methods of planning and executing public relations policies; evaluation of media; preparation of campaigns. Prerequisite: senior journalism majors only.

**432-3 Foundations of Mass Communications Theory.** Construction of communication theory, development of communication models, and relation of empirical investigations to theories of mass communication. Prerequisite: undergraduates 395, graduates 433a or consent of instructor.

**433-6 (3,3) Research Theory and Design.** (a) Research design, sample selection, and methods appropriate to field, experimental, and survey research. (b) Research Methods. Series of research projects utilizing a variety of research methods. Class discussion precedes and follows each project. Prerequisite: 432 or consent of instructor.

**442-3 The Law of Journalism.** Legal limitations and privileges affecting communications; fair comment, criticism, contempt of court, right of privacy, copyright, and legal provisions affecting advertising. Prerequisite: senior journalism majors only.

**445-4 Specialized Writing.** Researching and writing about areas of special

interest such as education, mental health, and home economics. Prerequisite: consent of instructor.

**449-2 to 8 Practicum.** Study, observation, and participation in publication supervision. Work required on *The Daily Egyptian* newspaper. Prerequisite: consent of department.

**450-3 Mass Media Management.** Basic economic theory of the firm. Management science. Operations research. Computer utilization. Media production technology. Readings and seminar discussions. Prerequisite: 370, 383, and GSB 211a or equivalent, or consent of instructor.

**479-3 Role of Advertising in our Society.** An exhaustive analysis of the literature covering such topics as: definitions and scope of advertising; advertising and the press; advertising as a social and economic force; evaluation of advertising; and advertising policies as related to the practices of specific business firms.

**493-3 Publicity Methods II.**

**494-3 Criticism and Reviewing.** Theory and practice of the critical analysis of literature and other arts.

**498-1 to 12 Readings.** Supervised readings. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

**501-3 Literature of Journalism.** Critical reading of selected books relating directly and indirectly to journalism. Lectures, reviews, and discussions comprise the course work.

**530-2 Seminar in Press Freedom.** Observation of the comment function performed by the daily newspaper as related to current issues; role of the editorial writer, syndicated columnist, and cartoonist.

**531-3 Seminar: Public Relations.** Problems in formulation of public relations policies. Emphasizes fact finding, determination of objectives, orientation of plans toward specific publics, execution, and evaluation. Prerequisite: 431.

**532-4 Seminar: Mass Communication Theory.** Individual exploration of some aspect of mass communication theory. Students construct communication models of their own design and test them. Prerequisite: 433b or consent of instructor.

**533-1 to 4 Research Problems in Journalism.** Individual work on selected problems for research.

**540-3 Philosophy of Journalism.** A study of journalistic ethics with emphasis on concepts of freedom and responsibility and the development of journalistic standards. Consideration of the responsibility of press in modern society.

**545-3 Studies in Journalism History.** A critical analysis of the literature in the context of the social and intellectual history of the times.

**590-3 Seminar in Journalism History.** Analysis of and practice in scholarly writing in the field of journalism history. Prerequisite: 545 or consent of instructor.

**595-0 Graduate Seminar.** Discussions of matters relating to graduate study, research, departmental and university requirements. Guest lecturers will discuss their research activities and areas of general interest to journalism graduate students. Required each quarter for all journalism graduate students.

**598-1 to 12 Readings.** Supervised readings in selected journalistic subjects. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

**599-1 to 8 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Linguistics

**401-8 (4,4) Introduction to Linguistics.** (a) General linguistics, fundamentals of the nature, structure, and functioning of language. (b) Structural linguistics, methods of descriptive linguistics, and analytical procedures. May be taken singly.

**402-9 to 12 (4,4,1-4) Phonetics.** (a) Theory and practice of articulatory phonetics. (b) Theory and practice of instrumental phonetics. (c) Transcription laboratory.

**403-4 English Phonology.** Analysis of spoken English, American, and British. Prerequisite: 401a or b, or equivalent.

**404-4 American Dialects.** Phonemics of American English. Emphasis in the major American dialects. Prerequisite: 401b, 402a, or equivalent.



- 405-4 Structural Phonology.** Survey of phonological theory (phonemic and distinctive feature theory); examination of various phonological systems. Prerequisite: 402a.
- 408-4 Introduction to Transformational Syntax.** Basic concepts and formalism of transformational generative grammars. Prerequisite: 401 or consent of instructor.
- 410-15 (5,5,5) Uncommon Languages (Intermediate Vietnamese).** (Same as Foreign Languages 410). Review of structure of modern spoken Vietnamese. Introduction to written language. Emphasis on conversational style. Prerequisite: GSD 210 g,h,i.
- 430-4 to 20 (4,4,4,4,4) Grammatical Structures.** Detailed analysis of the structure of particular languages. Prerequisite: 401a,b, or equivalent.
- 450-4 to 12 (4,4,4) Language Families.** Synchronic survey of language families or sub-families. Prerequisite: 401a.
- 501-4 Contrastive Linguistics.** Comparison of the structure of English with the structure of other languages. Phonology and syntax. Prerequisite: 401b.
- 504-4 Dialectology.** Materials and methods of dialectology and linguistic geography. Prerequisite: 402a or equivalent.
- 505-4 Generative Phonology.** Application of generative theory to the study of phonology. Prerequisite: 405 and 408.
- 506-8 (4,4) Historical Linguistics.** (a) Theories and methods of the history and pre-history of languages and language families. (b) Application of generative-transformational theory to problems and theory in historical linguistics. Must be taken in a,b sequence. Prerequisite: 401b or equivalent.
- 508-4 Advanced Transformational Syntax.** Application of transformational generative theory to study in depth of English syntax. Prerequisite: 408.
- 510-4 History of Linguistics.** Classical times to the present.
- 530-4 to 12 Historical Grammatical Structures.** History of languages or language families. Prerequisite: 506a.
- 540-2 to 8 Studies in Linguistics.** Selected topics in theoretical and applied linguistics. Prerequisite: 401b or equivalent, or consent of instructor.
- 550-8 (4,4) Pro-seminar in Linguistics.** Guided research in selected topics. (a) Syntax. (b) Phonology, or semantics. Prerequisite: consent of instructor.
- 570-3 Classroom Techniques in Teaching English as a Foreign Language.** Theory and practice.
- 571-3 Language Laboratories.** The theory and practice of the language laboratory in foreign language pedagogy.
- 572-3 Preparation of Teaching Materials in English as a Foreign Language.** Theory and practice in development of EFL texts. Prerequisite: 570, or consent of instructor.
- 573-3 Practicum in EFL Materials Development.** Prerequisite: 572.
- 580-4 Seminar in Special Problems of English as a Foreign Language.** Prerequisite: 570, 571, 572, or 573.
- 585-2 Teaching College Composition to Foreign Students.** Objectives, methods, and materials for English 105 and similar courses. Observation and practice under supervision. Required for teaching assistants in linguistics.
- 597-2 to 6 Readings in Linguistics.** Individual readings in linguistics under guidance. Prerequisite: 401b or equivalent.
- 599-2 to 9 Thesis.** Minimum of 5 hours to be counted towards a master's degree.

## Management

- 430-4 Organizational Behavior I.** The study of human problems in administration; individual, group, intergroup, and organizational behavior under dynamic environment conditions. Theory and case analyses. Prerequisite: 340, GSB 201b,c, GSD 110 or equivalent.
- 431-4 Organizational Behavior II.** A study of classical and modern theories concerning complex organizations. Particular emphasis on processes and issues of dividing work, achieving coordination, and organizational change and adaptation. Prerequisite: 341, or consent of instructor.
- 440-4 The Management Process.** Analysis of management theories and the administrative process. Specific managerial activities are analyzed and discussed. Functional relationships in administered organizations are explored. Restricted to Master of Business Administration students.
- 451-4 Methods of Quantitative Analysis.** Introduction to modern mathematical

technologies applicable to solving business problems. Includes differential calculus, matrix algebra, and probability theory. Not open to students who have taken Mathematics 150a or equivalent.

**452-4 Business Operations Analysis.** Analysis of business operations and management problems emphasizing problem formulation, performance measures, decision criteria and various mathematical models and their application; linear programming, game theory. Prerequisite: 340; 351; or Mathematics 150a, or equivalent; or consent of instructor.

**460-4 Work Measurement For Wage and Salary Control.** Research design and methodology for wage and salary administration in an organization; fundamental considerations in evaluating jobs and positions; compensation methods and wage incentive systems. Prerequisite: 385.

**474-4 Management Responsibility in Society.** Analysis of the political, social, and economic environments in which the manager must function and the manner in which the executive has both adapted to and influenced his environment. Prerequisite: 340, senior standing, or consent of instructor.

**479-4 Problems in Business and Economics.** (Same as Economics 479.) Applications of economic theory and tools of analysis to practical business problems. Cost and demand functions are analyzed from a policy standpoint. Prerequisite: 340, Economics 215, 308, or 408, or equivalent; Marketing 301 or equivalent; senior standing; or consent of instructor.

**480-4 Recent Problems in Labor Law.** Social, economic, and legal evaluation of recent labor problems, court decisions, and legislation. Concern is on long-run legislative impact on manpower planning, dispute settlement, and utilization of employment resources. Prerequisite: Finance 371, or Economics 310, or consent of instructor.

**481-4 Administrative Policy.** Integration and analytical application of business core courses to comprehensive business cases. Emphasis on policy issues in the identification and resolution of business problems. Methods of providing simulated experience such as business gaming will be used where appropriate. Prerequisite: 340, Finance 320, Marketing 301, or equivalent.

**483-4 Advanced Production Management.** Internal problems of managerial control of production including recent developments in theory and techniques: case material will be utilized for the development of analytical ability. Prerequisite: 380.

**485-4 Problems in Personnel Management.** Analysis of problems in personnel administration arising from the current developments in organization. Included are case problems, special reports, and personnel practices. Prerequisite: 361, 385; Economics 308 or 408.

**499-1 to 8 Special Topics in Management.** Utilizes special faculty resources. Prerequisite: 16 hours in business and consent of chairman.

## Marketing

**401-4 Problems of Retailing.** Emphasis application of managerial marketing concepts to the solution of typical retailing problems. Prepared retail management cases are analyzed along with individual reports on current retailing problems. Prerequisite: 363.

**438-4 Sales Management.** Developing and training a sales force. The different types of sales forces. Managing sales functions: determining salesmen's territories, quotas, compensation. Budget preparation. Development and implementing the merchandise plan. Prerequisite: 363.

**439-4 Industrial Marketing Management.** Designed to give an over-all view of the field of Industrial Marketing. Additional emphasis to be placed on decision criteria. Prerequisite: 363.

**450-4 Introduction to Managerial Marketing.** Designed to give an over-all view of the field of marketing and the field of marketing policy decisions. Cases are used to illustrate theory covered. Prerequisite: Restricted to Master of Business Administration students.

**452-4 Physical Distribution Management.** Integration of physical distribution activities of the firm into a system. Transportation and location as elements of the system. Inventories and service as constraints upon the system. Planning, operation, organization, and management of the system. Prerequisite: 301, Economics 215.

**463-4 Advertising Management.** A study of advertising from the viewpoint



of business management. Problems of integrating advertising into marketing programs and related advertising issues are emphasized. Prerequisite: 363.

**490-4 Marketing Research and Analysis.** A nonmathematical development of the basic procedures, methods, and theory underlying analysis of primary and secondary market data. Prerequisites: 325, or 450 and statistics.

**493-4 Marketing Policies.** A comprehensive and integrative view of marketing policy formulation. Marketing decisions analyzed and discussed. Prerequisite: 301, 363, and 390.

## Mathematics

**400-3 History of Mathematics.** An introduction to the development of major mathematical concepts. Particular attention given to the evolution of the abstract concept of space, to the evolution of abstract algebra, to the evolution of the function concept, and to the changes in the concept of rigor in mathematics from 600 B.C. Prerequisite: 320a or consent of instructor.

**401-3 Set Theory.** Ordinal numbers, transfinite induction, cardinal numbers and their arithmetic properties, Cantor theorem, Schroeder-Berstein theorem, the axiom of choice and its equivalent forms, the continuum hypothesis. Prerequisite: 301 or consent of instructor.

**410-16 (4,4,4,4) Statistical Analysis.** For students in fields using statistical methods but who are not required to take calculus. Includes (a) elements of probability, estimation, and testing hypotheses; (b) the general linear model (multiple linear regression, analysis of variance, analysis of covariance) and nonparametric statistics; (c) design of experiments; (d) sample survey techniques. May not be used to satisfy requirements for a mathematics concentration. Three lectures and 2 laboratory hours per week. Must be taken in either a,b,c,d or a,b,d,c sequence. Prerequisite: 111b or consent of instructor.

**419-6 (3,3) Algebraic Structures.** A study of the properties of such basic algebraic structures as groups, rings, fields. Must be taken in a,b sequence. Prerequisite: 301 or consent of department.

**421-6 (3,3) Linear Algebra.** The theory of determinants and systems of linear equations; vector spaces, linear independence, bases, dimension; linear transformations, change of base, similarity; quadratic and Hermitian forms, orthogonal, and unitary transformations; triangular and diagonal form; eigenvalues and eigenvectors; normal matrices; nilpotent and idempotent matrices, the spectral theorem. Must be taken in a,b sequence. Prerequisite: 252b, 301, or consent of department.

**425-3 Theory of Numbers.** Selected topics from number theory. Prerequisite: 325 or consent of instructor.

**426-6 (3,3) Mathematical Logic.** A formal development of the classical propositional calculus and functional calculi of first and second order from the primitive basis. Consistency and completeness. Validity and satisfiability. Must be taken in a,b sequence. Prerequisite: 301 or consent of department.

**428-6 (3,3) Boolean Algebra and Switching Theory.** An introduction to Boolean algebra with applications to switching circuits, set theory, and logic; Boolean functions and canonical forms; Boolean rings and algebras; linear graphs; partially ordered sets and lattices; theory of simplification and design of combinational and sequential circuits. Must be taken in a,b sequence. Prerequisite: 301 or consent of instructor.

**430-4 Projective Geometry.** Introduction to the fundamental concepts of projective geometry. Topics usually include the study of conics, polar systems of conics, homogeneous coordinates, cross-ratio, harmonic sets, duality, projectivities, and involutions. Prerequisite: 252a, 301, or consent of instructor.

**433-6 (3,3) Introduction to Topology.** Topological spaces, continuity and homeomorphisms, construction of topologies, separation, compactness, connectedness, completeness. Must be taken in a,b sequence. Prerequisite: 301 or consent of department.

**440-2 to 4<sup>1</sup> Modern Algebra for Teachers.** An introduction to algebra as a logical system, including groups, rings, and fields. Prerequisite: consent of instructor.

<sup>1</sup> These courses are open to candidates for the Master of Science in Education degree in mathematics, to National Science Foundation Institute participants, and to those who have received the consent of the chairman of mathematics or the director of the institute.

- 442-2 to 4<sup>1</sup> Survey of Geometry.** A survey of geometry, including projective geometry, topology, etc. Prerequisite: consent of instructor.
- 444-2 to 4<sup>1</sup> Sets, Functions, and Relations.** Basic ideas of sets, set algebra, elementary logic, relations and functions, graphing. Prerequisite: consent of instructor.
- 445-2 to 4<sup>1</sup> Fundamental Concepts of Calculus.** A careful study of the basic concepts of calculus, offered as part of the special graduate program for secondary school teachers. Prerequisite: consent of instructor.
- 452-9 (3,3,3) Advanced Calculus.** Fundamental concepts of analysis: limits, continuity, differentiation, and integration. Major topics include partial differentiation, vector analysis, Riemann-Stieltjes integrals, multiple integrals, infinite series, improper integrals, uniform convergence, Fourier series, and line integrals and surface integrals. Must be taken in a,b,c sequence. Prerequisite: 252b.
- 455-9 (3,3,3) Advanced Mathematics for the Physical Sciences.** (a) Theory of functions of complex variable, analytic functions, contour integration, and conformal mapping. (b) Differential equations: existence and uniqueness for initial value and boundary value problems, oscillation, stability. (c) Introduction to vector fields, line integrals, divergence and curl, integral theorems, the one-dimensional wave and heat equations, and separation of variables technique. May be taken individually or in any sequence. Prerequisite: 252b or 455a; 305b, or b and c, or consent of instructor.
- 460-4 Modern Geometry.** Advanced topics in Euclidean geometry by the synthetic method. Topics include the nine-point circle, Simson line, theorems of Ceva and Menelaus, coaxal circles, harmonic section, poles and polars, similitude, and inversion. Prerequisite: 20 hours of college mathematics.
- 475-9 (3,3,3) Numerical Analysis.** Introduction to approximation methods including finite differences and interpolation; numerical differentiation and quadrature; least squares approximation; numerical solution of linear and non-linear systems; numerical integration of systems of ordinary and partial differential equations. Emphasis upon error analysis throughout. Must be taken in a,b,c sequence. Prerequisites: 305a or 252b and consent of instructor.
- 480-9 (3,3,3) Probability.** Introduction to probability theory. Includes the algebra of probabilities; discrete and continuous distributions, limit theorems, generating functions, and some elements of stochastic processes. Must be taken in a,b,c sequence. Prerequisite: 252b.
- 483-9 (3,3,3) Introduction to Mathematical Statistics.** A mathematical development of the elements of statistical theory. (a) Probability distributions, generating functions, and limit theorems. (b) Statistical inference: estimation, tests of hypotheses, general linear hypothesis. (c) Design of experiments—a mathematical model approach. Must be taken in a,b,c sequence with the exception that 480a, 421a, and consent of instructor may replace 483a. A student will not be allowed university credit for both 480a and 483a. Prerequisite: 252b.
- 501-9 (3,3,3) Real Analysis.** Basic set theory including the theory of ordinal numbers. Real number system, topology of the real line. Continuous and semicontinuous functions, limits. Classical  $L$  spaces. Metric spaces: topology, continuous functions, convergence, Baire category. Banach spaces, Hilbert spaces. General measure and integration theory. Must be taken in a,b,c sequence. Prerequisite: 452c.
- 505-9 (3,3,3) Theory of Ordinary Differential Equations.** Existence and uniqueness theorems; general properties of solutions; linear systems; geometric theory of nonlinear equations; stability and control theory; self-adjoint boundary problems; oscillation theorems. Must be taken in a,b,c sequence. Prerequisite: 501b and 421a or consent of instructor.
- 507-9 (3,3,3) Partial Differential Equations.** Classification of partial differential equations; separation of variables; elementary solutions of the heat and wave equations; potential theory;  $n$ -dimensional parabolic operators. Must be taken in a,b,c sequence. Prerequisite: 452c.
- 510-9 (3,3,3) Mathematical Logic.** Incompleteness and undecidability results of Gödel, Church, and Tarski (together with the necessary recursion theory). Topics from the theory of definability, model theory, proof theory, consistency of arithmetics. Must be taken in a,b,c sequence. Prerequisite: 426b or consent of instructor.
- 512-3 to 18 Advanced Topics in Mathematical Logic.** Incompleteness and undecidability results, including necessary recursion theory; definability



theorems; model theory; consistency of arithmetic; etc. Prerequisite: 426b or consent of instructor.

**520-9 (3,3,3) Modern Algebra.** Topics from group theory, ring theory, and field theory; including Sylow theorems, solvable groups, nilpotent groups, rings with descending and ascending chain conditions, elementary divisor theorem for  $R$ -modules, Galois theory, and cyclotomy. Must be taken a,b,c sequence. Prerequisite: 419 or consent of instructor.

**522-3 to 18 Advanced Topics in Algebra.** Group representations, homological algebra, algebraic geometry, algebraic numbers. Prerequisite: 520b.

**525-3 to 18 Advanced Topics in Number Theory.** Analytic methods, analytic prime number theory, Dirichlet's theorem on primes in arithmetical progressions, Diophantine approximations, and geometry of numbers. Prerequisite: consent of instructor.

**528-9 (3,3,3) Theory of Automata.** Sequential machines: finite vs. infinite, complete vs. incomplete, deterministic vs. stochastic; submachines; strong connectivity; equivalence of states and machines; state minimization; experiment theory; realization and decomposition. Monadic algebras and automata: representation by equivalence and congruence relations; regularity of sets of sequences; representation by semigroups; source, primary and cycle; automata homomorphisms, characterization of automorphisms on automata; automata-representation of groups; quotient automata. Must be taken in a,b,c sequence. Prerequisite: 428b.

**530-9 (3,3,3) Point Set Topology.** Topological spaces; denseness, category; open, closed sets, Borel sets; separation axioms; subspaces; continuity; lattice of topologies; countability axioms; connectedness, compactness, local properties; regularity to complete normality. Hilbert space, metrizable spaces; extension theorems; well-ordering; product spaces. Must be taken in a,b,c sequence. Prerequisite: 433b or consent of instructor.

**531-9 (3,3,3) Algebraic Topology.** Homology and cohomology of complexes; axiomatic homology and cohomology. Homotopy theory; covering spaces. Cohomology of sheaves; applications in analysis; DeRham cohomology; Poincare duality. Must be taken in a,b,c sequence. Prerequisite: 433b, 419b.

**532-3 to 18 Advanced Topics in Topology.** Topological groups, topological dynamics, uniform spaces, homotopy theory, fiber spaces, and others. Prerequisite: 530b.

**536-3 Differential Geometry.** Curvature, torsion, the Frenet formulas, and intrinsic equations of curves in three-dimensional Euclidean space; applications to kinematics. Curves on a surface; first and second fundamental forms; normal sections and Meusnier's theorem; mean and total curvature. Prerequisite: 452c.

**540-4<sup>1</sup> Groups and Linear Transformations.** A study of groups with their connection with the movements of regular plane figures, matrices, vectors, determinants with their interpretation and use in analytic geometry, and ruler and compass constructions. Prerequisite: 440 or equivalent.

**543-4 Probability for Teachers.** An introduction to the basic concepts of probability theory. Major topics include algebra of events, probabilities in a finite sample space, conditional probabilities and stochastic independence, random variables and their distribution, mathematical expectation, standard deviation, covariance, special distributions. This course is open to candidates for the Master of Science in Education degree in mathematics, to National Science Foundation Institute participants, and to those who have received the consent of the chairman of the Department of Mathematics or the director of the Institute.

**545-4<sup>1</sup> Intermediate Analysis for High School Teachers.** A rigorous development of differentiation and integration of continuous real functions. Topics include sequences, series, limits, real continuous functions, integrable functions on a closed interval. Prerequisite: consent of instructor.

**548-2 to 4<sup>1</sup> Trends in School Mathematics.** For secondary school mathematics teachers dealing with current developments in mathematics instruction at the elementary and secondary levels. Prerequisite: consent of department.

**550-1 to 10 Seminar.** Supervised study and preparation of reports on assigned

<sup>1</sup>These courses are open to candidates for the Master of Science in Education degree in mathematics, to National Science Foundation Institute participants, and to those who have received the consent of the chairman of mathematics or the director of the institute.

topics. Reports presented for class discussion. (a) Algebra. (b) Geometry. (c) Analysis. (d) Probability and Statistics. (e) Mathematics Education. (f) Logic and Foundations. (g) Topology. (h) Applied Mathematics. (i) Differential Equations. (j) Number Theory. Prerequisite: consent of instructor.

**551-9 (3,3,3) Functional Analysis.** The theory of linear transformations between infinitely dimensional topological vector spaces, including Banach and Hilbert spaces, with various applications. The basic notion for the study is that of a functional or continuous scalar-valued linear transformation. Must be taken in a,b,c sequence. Prerequisites: 501c and 421b.

**552-3 to 18 Advanced Topics in Analysis.** Abstract harmonic analysis, uniform asymptotic distribution model of sequence, several complex variables, summability methods. Riemann surfaces. Prerequisite: 501c.

**555-9 (3,3,3) Complex Variables.** Classical and modern analytic function theory, including Cauchy-Riemann equations, Cauchy-Goursat theorem, conformal mapping, normal families, Riemann surfaces, entire functions. Must be taken in a,b,c sequence. Prerequisite: 452c.

**560-6 (3,3) Calculus of Variations.** An introduction to the basic concepts and techniques of the calculus of variations including the classical necessary conditions for an extremum of a functional, general end point conditions, the second variation, fields, sufficiency conditions, and applications. Must be taken in a,b sequence. Prerequisite: 452c.

**580-9 (3,3,3) Mathematical Methods of Statistics.** A presentation of probability and statistical inference based on an axiomatic and employing advanced mathematical concepts. Topics include the theory of measure and integration in  $\mathbb{R}$ , foundations of probability, random variables and distributions in  $\mathbb{R}$ , sampling distributions, tests of hypotheses, theory of estimation. Must be taken in a,b,c sequence. Prerequisite: 452c.

**592-2 to 4<sup>1</sup> Research in Mathematics Education.** Critical study of research papers in the field of secondary mathematics education. Training in research and writing techniques as they pertain to the secondary mathematics program. Prerequisite: consent of chairman.

**595-1 to 10 Special Project.** An individual project, including a written report. (a) in algebra; (b) in geometry; (c) in analysis; (d) in probability and statistics; (e) in mathematics education; (f) in logic and foundations; (g) in topology; (h) in applied mathematics; (i) in differential equations; (j) in number theory. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward the Master of Arts degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Microbiology

**401-1 Undergraduate Seminar.** Prerequisite: senior standing and consent of instructor.

**403-5 Medical Bacteriology Lecture.** A general survey of the mechanisms of infection, epidemiology, and immunity and the specific application of these principles to the symptomatology, diagnosis, treatment, and control of the more common bacterial infections of man. Prerequisite: 302.

**404-2 Medical Bacteriology Laboratory.** Procedures for the collection and handling of medical specimens for microbial examination and for cultivation and identification of the pathogenic organisms by their morphological, biochemical, and serological characteristics. Five hours laboratory. Prerequisite: or corequisite 403.

**421-3 Microbiology of Foods Lecture.** The relationships of micro-organisms to the preparation and preservation of foods with consideration of the laws governing sanitation, chemical preservatives, and fair dealing of the food producer. Three hours lecture. Prerequisite: 301.

**422-2 Microbiology of Foods Laboratory.** Methods for preservation, sanitary inspection, and microbiological examination of foods. Four hours laboratory. Prerequisite: or corequisite 421.

<sup>1</sup> These courses are open to candidates for the Master of Science in Education degree in mathematics, to National Science Foundation Institute participants, and to those who have received the consent of the chairman of mathematics or the director of the institute.



- 423-3 Industrial Fermentation.** The application of the chemical activities of microorganisms to the industrial production of beverages, foods, antibiotics, and various commercial chemical products. Prerequisite: 301 and organic chemistry.
- 425-3 Biochemistry and Physiology of Microorganisms.** The chemical basis of physiological functions in microbial cells. Prerequisites: 301 and organic chemistry.
- 426-3 Biochemistry and Physiology of Microorganisms.** 4 hours laboratory. Prerequisite or corequisite: 425.
- 441-3 Virology Lecture.** General properties; classification and multiplication of bacterial and animal viruses; lysogeny; immunological and serological reactions; relation of viruses to cancer; and consideration of selected viral diseases of animals. Four hours lecture. Prerequisite: 302.
- 442-3 Virology Laboratory.** Tissue culture methods, multiplication and assay of animal and bacterial viruses, purification, electron microscopy, interference, immunity. Six hours laboratory. Prerequisite: or corequisite 441.
- 451-3 Immunology Lecture.** Antigens, antibodies, and antigen-antibody reactions in vitro and in vivo, natural and acquired immunity. Four hours lecture. Prerequisite: 302.
- 452-3 Immunology Laboratory.** Natural defense mechanisms and immune response, preparation of antigens and antibodies, serologic reactions, conjugated antibodies, electrophoresis, anaphylaxis. Six hours laboratory. Prerequisite: or corequisite 451.
- 460-3 Genetics of Bacteria and Viruses Lecture.** Genetic mechanisms, mutation, transformation, recombination, transduction, lysogeny, phenotypic mixing, and reactivation phenomena. Three hours lecture. Prerequisite: 302.
- 461-3 Genetics of Bacteria and the Viruses Laboratory.** Genetic mechanisms, mutation, transformation, recombination, transduction, lysogeny, phenotypic mixing, and reactivation phenomena. 6 hours laboratory. Prerequisite: or corequisite 460.
- 462-3 Fungal Genetics Lecture.** Mendelian and molecular genetics of neurospora and yeast. Mutant induction, sexual crosses, tetrad analysis, linkage, and mapping. Prerequisite: Biology 305.
- 463-3 Fungal Genetics Laboratory.** Six hours laboratory. Prerequisite: or corequisite 462 and consent of instructor.
- 500-1 Seminar.**
- 502-4 (2,2) History of Genetics.** Critical examination of the development of genetic thought. Prerequisite: consent of instructor.
- 503-2 Cytology of Microorganisms.** Problems involved in the behavior of chromosomes at meiosis with special consideration of genetical data. 2 hours lecture.
- 504-5 Methods of Microbiological Research.** The recognition and plan of attack upon unsolved problems in microbiology. 3 hours lecture and 4 hours laboratory.
- 511-1 to 15 Research.**
- 525-3 Biochemistry and Physiology of Microorganisms.** A continuation of 425. 3 hours lecture.
- 526-3 Biochemistry and Physiology of Microorganisms.** A continuation of 426. 4 hours laboratory. Prerequisite: 426.
- 528-1 to 10 Readings in Microbiology.** Supervised readings for qualified graduate students.
- 541-6 Advanced Virology.** Interactions between bacterial and animal viruses and their host cells; sequential synthesis of macromolecular components of viruses; synthesis of interferon; experimental carcinogenesis; genetic recombination among viruses. Three hours lecture, 6 hours laboratory. Prerequisite: 441.
- 542-3 Molecular Virology.** Interaction at the molecular level between tumorigenic and nontumorigenic DNA and RNA viruses and host cells, biochemical analysis of the growth cycle, uncoating, synthesis of virus-specified messenger RNA, enzymes and structural proteins, replication of viral nucleic acid, and maturation. 3 hours lecture. Prerequisite: 541.
- 543-3 Molecular Virology Laboratory.** Characterization of viruses and their constituents; physicochemical properties; synthesis of nucleic acids and proteins; induction of release of viruses from transformed cells; differentiation of sources of viral components; studies of various species of nucleic acids by such methods as sedimentation velocity, ultracentrifugation, pulse and pulse

chase experiments, and polyacrylamide gel electrophoresis. Prerequisite: 541.  
**562-3 Molecular Genetics.** Fundamentals including discussions of current research on replication, transcription, translation, mutation, suppression, repression, and their interaction and interdependence. Prerequisite: 425.  
**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.  
**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Music

**405-3 Seminar in Instrumental Music Education.** Advanced problems of administration and supervision of public school instrumental music programs, selection of appropriate materials for study and development, rehearsal techniques, preparation and techniques for performances of all types. Prerequisite: 3051.

**409-2 Band Arranging.** Advanced methods and techniques in arranging for the concert and marching bands from public school to collegiate level. Includes methods of transcribing from orchestral, organ, and piano literature. Prerequisite: 309a or equivalent.

**411-9 (3,3,3) Music Literature.** (a) Symphonic: A study of the development of the symphony and the symphonic poem. (b) Choral: The literature of the larger vocal forms such as the cantata and oratorio. (c) Chamber Music: Study of chamber music from the Renaissance to the present.

**414-2 to 6 Collegium Musicum.** Practicum in the preparation and performance of music from early times to the classical period. Prerequisite: Music major and/or consent of the department.

**420-1 to 3 Music Education Practicum.** A shop-laboratory course dealing with the selection, adjustments, maintenance, and repair of musical instruments. Prerequisite: consent of instructor.

**430-2 Stage Band Arranging.** The study and analysis of jazz harmony, melody, and rhythm as applied to modern instrumentation. Workshop wherein arrangements are written and played. Prerequisite: 309a.

**431-2 Organization and Development of the High School Stage Band.** The relationship of the stage band to the overall music program; instrumentation; sources of music; types of presentations; rehearsal techniques; study of the effective application of dynamics, phrasing, intonation, and balance for improved performance. Prerequisite: 430.

**440-1 to 4 Private Applied Music.**

- a. Violin
- b. Viola
- c. Violoncello
- d. String Bass
- e. Flute
- f. Oboe
- g. Clarinet
- h. Bassoon
- i. Saxophone
- j. Percussion

- k. Piano
- l. French Horn
- m. Trumpet
- n. Trombone
- o. Tuba
- p. Baritone
- q. Voice
- r. Organ
- s. Harpsichord
- t. Harp

Applied music for graduate credit is offered at the 400 and 500 levels in the areas listed above. Credit is given at 1 to 4 hours per quarter on each level. May be repeated each quarter of graduate study. Students with majors in performance usually take 4 hours per quarter at the 500 level; majors in music education and all minors usually take 2 hours at the 400 level. Prerequisite for 440 and 540: audition or consent of instructor.

**441-6 (2,2,2) Counterpoint.** (a) 16th Century Counterpoint. Species counterpoint and creative writing in the style of Palestrina and his contemporaries. Prerequisite: 205c or consent of instructor. (b) 18th Century Counterpoint. Analysis and creative writing in the contrapuntal-harmonic technique of Bach and his contemporaries. Prerequisite: 205c or consent of instructor. (c) Canon and Fugue. Analysis and creative writing of the larger imitative forms. Prerequisite: 441b.

**444-6 (2,2,2) Intermediate Composition.** Required of undergraduates with concentration in theory-composition, culminating with original works in contemporary idioms. Taught by individual instruction. Prerequisites: 312c and consent of department.



**451-3 Teaching of General Music, Secondary School.**

**453-2 to 6 Choral Materials and Techniques.** Demonstration and performance of choral rehearsal procedures; developing tone, diction, blend, and balance; concert production; performance of selected choral materials appropriate for junior and senior high school. Prerequisite: consent of instructor.

**454-2 to 6 Instrumental Materials and Techniques.** Demonstration and performance of instrumental music rehearsal procedures; developing tone, articulation, blend, and balance; concert production; performance of selected choral materials appropriate for junior and senior high school. Prerequisite: consent of instructor.

**455-2 to 6 Elementary Music Education Workshop.**

**460-3 Teaching Music Appreciation.** Principles and methods for secondary schools and colleges; theories upon which various methods and principles are based.

**461-2 Teaching Techniques and Materials for the Beginning and Intermediate Levels.** Designed to meet the needs of applied students in which the problems of private studio teaching and college level teaching are discussed.

**462-2 Teaching Techniques and Materials for the Advanced Student.** Designed to meet the needs of applied students in which the problems of private studio teaching and college level teaching are discussed. (Continuation of Music 461.)

**465-9 (3,3,3) Development and Teaching of Strings.** Place and function of string education in the elementary and secondary schools. Techniques of heterogeneous and homogeneous string teaching. Developing and sustaining interest in the string program. Resource aids. Prerequisite: senior standing.

**468-2 to 12 Music Productions.** Study of the techniques involved in staging operas and musicals.

**471-6 (3,3) Ethnomusicology.** (Same as Anthropology 471.) A survey of theory, method, and form in ethnomusicology, with concentration on selected geographical areas. (a) Oceania, Asia, and Africa. (c) Middle East, Europe, and the New World.

**481-2 to 6 Readings in Music Theory.**

**482-2 to 6 Readings in Music History and Literature.**

**483-2 to 6 Readings in Music Education.**

**499-1 to 12 Independent Study.** The capable student engages in original investigations with faculty specialists. May be repeated for credit. Prerequisite: consent of instructor.

**501-3 Introduction to Graduate Study in Music.** Basic bibliographical and historical research techniques in music theory, literature, and education.

**502-6 (2,2,2) Analytic Techniques.** Analysis of representative works chosen from the Baroque, Classical, Romantic, and Modern eras.

**503-3 to 4 Objective Research Techniques in Music Education.** Theory, techniques, and procedures of evaluating music aptitude and achievement; survey of current research investigations in music education. A minor original research project is required.

**504-3 Music of the Middle Ages and Renaissance.** Sacred and secular monody from its beginnings; the rise of polyphony; the development of instrumental and vocal forms in the Middle Ages and Renaissance.

**505-3 Music of the Baroque Period.** Opera, oratorio, cantata, and instrumental music in the period 1600 to 1750; the development of vocal and instrumental forms culminating in the works of Bach and Handel.

**506-3 Music of the Classical Period.** Development of opera, the symphony, the sonata, and chamber music in the 18th and early 19th century with particular emphasis on Haydn, Mozart and Beethoven.

**507-3 Music of the Romantic and Impressionistic Periods.** Development of opera, the symphony, the symphonic poem, the sonata, and chamber music in the 19th and early 20th centuries. Rise of nationalism, impressionism.

**508-3 Music of the Twentieth Century.** The heritage of 20th century music; study and analysis of musical philosophies of contemporary composers.

**509-3 The History and Philosophy of Music Education.** A study of the historical and philosophical evolution of music education and the identification of current forces, issues and trends influencing the profession.

**512-3 History of Opera.** The development of opera as a form, with a detailed study of operas since 1600.

**515-3 20th Century Literature.** A survey of contemporary music in Russia, Western Europe, and the Americas in its relation to sociology, political, and cultural developments.

- 518-3 Pedagogy of Music Literature.** Principles of teaching music literature and music appreciation courses at the college level.
- 522-3 Seminar: Music History and Literature.** Advanced study in special periods of music history-literature.
- 531-2 to 9 Advanced Composition.** Composition in the larger forms for solo and ensemble performance. Prerequisites: 312c, 342c, and consent of instructor. Required of all theory-composition majors 3 hours per quarter; elective credit for majors in other areas.
- 535-3 Contemporary Idioms.** Techniques of composition developed during the 20th century by composers of Europe and America.
- 540-1 to 4 Private Applied Music.** (See Music 440).
- 545-3 to 9 Pedagogy of Music Theory.** An orientation of the philosophies of theory to the problems of pedagogy. Required of all theory-composition majors.
- 546-3 Musical Aesthetics.** Nature and significance of music in the life of man. Critical theory in the writings of philosophers of music and art from Plato through Dewey and Cage.
- 550-3 Administration and Supervision of Music.**
- 556-2 to 6 Advanced Conducting.** Problems in score reading and interpretation. Laboratory conducting of larger ensembles.
- 560-2 to 4 Seminar in Music Education.** Trends, current practices, philosophies of music education.
- 566-1 to 12 Instrumental Ensemble.**
- 567-1 to 12 Vocal Ensemble.**
- 568-2 to 12 Opera Workshop.** An intensive course in opera for voice majors, including the study and public performances of scenes and entire operas.
- 598-6 Graduate Recital.**
- 599-3 to 9 Thesis.**

## Philosophy

- 400-4 Contemporary Mind.** Analysis of thought-patterns and motivations dominating the American mind during the present decade of the 20th century.
- 406-4 Philosophy of Biology.** Leading concepts of biological sciences: species, evolution, life, organism and part, etc. Abstract ideas of biology are related, wherever possible, to specific experiments recorded in scientific literature. Prerequisites: 300 or 320, and three laboratory or field courses in the biological sciences or consent of instructor.
- 415-3 Logic of the Social Sciences.** Logical and epistemological examination of the social studies as types of knowledge. Basic problems in philosophy of science with major emphasis upon social science: relationship of theory to fact, nature of induction, nature of causal law, testability, influence of value judgments, etc. Intended for students with considerable maturity in a social science or in philosophy.
- 420-4 Theory of Logic.** Propositions, analysis of terms, theory of inference, both formal and material. Prerequisite: 320.
- 424-3 Advanced Formal Logic.** Special relevance to philosophy students. Includes logical principles, many-valued logics, modal logics, and the logic of imperatives. Prerequisite: 320.
- 425-3 Philosophy of Language.** Method, logical syntax, "ideal language," "ordinary language" analysis. Prerequisite: consent of department.
- 441-4 Philosophy of Politics.** (Same as Government 441.) Some of the central problems of modern political life, such as sovereignty, world government, authority and consent, the relations of economics and social studies to political theory. Prerequisite: GSC 102 or 340 or consent of instructor.
- 443-4 Philosophy of History.** Classical and contemporary reflections on the nature of history and historical knowledge as the basis for dealing with the humanities. Prerequisite: consent of instructor.
- 460-4 Advanced Philosophy of Art.** The definition of art, its relations to science, culture, and morals; the various types of art defined. Familiarity with at least one of the fine arts is assumed. Prerequisites: GSC 207 or 360, and six courses in music, painting, sculpture, literature, or drama.
- 465-3 British Moralists.** Texts and commentaries for 17th and 18th centuries. Moral philosophy of Hobbes, Locke, Cudworth, Hutcheson, Butler, Price, and Hume. Prerequisite: 340 or consent of department.



- 471-8 (4,4) The Classic Greek Philosophers.** (a) Plato. (b) Aristotle. Prerequisite: 381 or consent of department.
- 472-12 (4,4,4) Seventeenth Century Philosophers.** (a) Descartes. (b) Locke. (c) Spinoza. Prerequisite: 383 or consent of department.
- 473-8 (4,4) Eighteenth Century Philosophers.** (a) Hume. (b) Kant. Prerequisite: 383 or consent of department.
- 474-12 (4,4,4) Nineteenth Century Philosophers.** (a) Hegel. (b) J. S. Mill. (c) Marx. Prerequisite: 306 or consent of department.
- 477-4 Latin American Philosophy.** A survey of philosophic thought in Latin America from colonial times through 19th century positivism and the reactions against it, up to recent trends. Reading of original texts in English translations. Discussions and reports.
- 478-4 Seminar in Latin American Thought.** (See Spanish 478.)
- 482-3 Recent European Philosophy.** Phenomenology, Positivism, Linguistic Analysis, and Existentialism.
- 490-2 to 12 Special Problems.** Hours and credits to be arranged. Courses for qualified seniors and graduates who need to pursue certain topics further than regularly titled courses permit. Special topics announced from time to time. Students are invited to suggest topics for individual study and papers or for group study. Prerequisite: consent of instructor.
- 497-12 (4,4,4) Honors.** Topic for each quarter will vary. Enrollment restricted to undergraduates. Prerequisite: consent of department.
- 500-4 Metaphysics.** Recent writers and current problems in metaphysics.
- 501-4 Philosophy of Religion.** Analysis of a problem in philosophical theology or the phenomenology of religion, or of the work of a particular thinker.
- 503-4 Philosophical Ideas in Literature.** Metaphysical and ethical world views embodied in representative classics of poetry and prose from ancient to contemporary times.
- 505-4 Philosophy of Science.** Logic, methods, history, or epistemology of science.
- 510-4 Indian Philosophy.** Schools, systems, or problems in Indian thought.
- 511-4 Chinese Philosophy.** Confucianism, Taoism, or Buddhism. Emphasis on comparison of philosophy East and West.
- 512-4 Philosophy of Culture.** Forms and assumptions of Eastern and Western philosophies.
- 515-4 Theory of Nature.** Presuppositions of the Western view of nature, the need for revision of causal determinism, and the reintroduction of freedom into the spatiotemporal world.
- 520-4 Logic.** Recent advances in logic.
- 524-4 Analytic Philosophy.** Analytic Philosophy of men such as Austin, Ryle, Ayer, Carnap, G. E. Moore.
- 530-4 Theory of Knowledge.** A contemporary writer or problem in epistemology. Emphasis on problem of reliability and structure of scientific knowledge.
- 531-4 Whitehead.** Study in depth of a selected aspect or problem in Whitehead's philosophy.
- 540-4 Philosophy of Journalism.** (See Journalism 540.)
- 542-4 Political and Legal Philosophy.** Relations of law, morality, and politics, and consideration of problems and issues in philosophy of law.
- 545-4 Ethics.** Recent British and American ethical theory.
- 550-4 Theory of Value.** General theory of value or treatment of one or more philosophers on contemporary problems of value.
- 555-4 Philosophy of Higher Education.** (See Higher Education 555.)
- 560-4 Aesthetics.** Selected topics or writings.
- 570-4 American Idealism.** One or more American idealists. Recent seminars have been devoted to the thought of Brand Blanshard and Peter A. Bertocci.
- 572-4 Twentieth Century Philosophers.** Inception and development of THE LIBRARY OF LIVING PHILOSOPHERS from Volume I on John Dewey to the present.
- 575-8 (4,4) Phenomenology and Existential Philosophy.** (a) Phenomenology. The phenomenological tradition and its contemporary transformations. (b) Existential Philosophy. Classical works of existentialism.
- 577-12 (4,4,4) Dewey.** (a) Metaphysics. (b) Theory of Knowledge. (c) Ethics.
- 579-4 Bertrand Russell.** Bertrand Russell's theories of meaning, logic, and knowledge.
- 581-4 Plato.** Thorough study of several of the dialogues. System of Plato as a whole, discussions and reports on the readings.

- 582-4 Aristotle.** Intensive reading of several texts, illustrating widely varied portions of Aristotle's thought.
- 584-4 Medieval Philosophy.** Representative philosophers and problems.
- 585-4 British Empiricism.**
- 586-4 Spinoza.** Analysis of the improvement of the understanding and the ethics. Medieval tradition and to Spinoza's contemporaries. Discussions and reports.
- 587-4 Hegel.**
- 588-12 (4,4,4) Kant.** (a) Critique of Pure Reason. (b) Critique of Practical Reason. (c) Critique of Judgment.
- 590-2 to 16 General Graduate Seminar.** Selected topics or problems in philosophy.
- 591-1 to 5 Readings in Philosophy.** Supervised readings for qualified students. Consent of instructor required.
- 599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-3 to 48 Dissertation.**

## Physical Education

- 400-4 Evaluation in Physical Education.** Historical background of measurement in physical education; selection and evaluation of contemporary testing devices; structure and use of tests; administering the testing program; and interpretation and application of results. Fulfills the tests and measurements course requirements for the Master of Science in Education degree.
- 402-2 Organization and Administration of Intramural and Extramural Activities.** Planning intramural programs of sports; planning and coordinating extramural activities commonly associated with physical education.
- 403-4 The Adaptation of Physical and Recreational Activities to the Handicapped Individual.** Recognition of postural deviations; devising and planning programs for the physically atypical.
- 404-2 to 4 The Teaching of Sports.** Teaching methods, officiating, organization, safety precautions, and selecting equipment for sports.
- 406-4 Basic Concepts of Physical Education.** The place of physical education in the school program, and the concepts underlying the program. (Required of all students not presenting the undergraduate courses 354 or 340.)
- 407-2 to 4 Advanced Theory and Techniques in the Prevention and Rehabilitation of Athletic Injuries.** Theoretical and practical methods of preventing and treating athletic injuries.
- 408-2 to 4 Physical Fitness—Its Role and Application in Education.** Improvement of programs and teaching techniques involved in the development of various aspects of physical fitness. Units on postural status; body weight control; tension factors, causes, and control; exercise tolerance; and general body mechanics and control.
- 410-4 Behavioral Foundations of Coaching.** Behavioral problems of the athlete and coach and possible solutions to such problems. Application of behavioral principles and theories as a basis for understanding the interaction between coach and student in the athletic environment. Prerequisite: Guidance 305 or consent of instructor.
- 415-4 Workshop in Gymnastics for Women.** For undergraduates and graduates. Techniques and theory of teaching, coaching, judging official performances, conducting gymnastic meets, clinics, and demonstrations. Spotting and analysis of performance.
- 416-4 Current Theories and Practices in the Teaching of Dance.** (Same as Theater 416.) History and evolution of dance; place of dance in education.
- 420-4 Physiologic Effects of Motor Activity.** The general physiological effects of motor activity upon the structure and function of body organs; specific effect of exercise on the muscular system. Prerequisite: Physiology 209 or equivalent.
- 444-2 to 8 Contemporary Dance Workshop.** Dance technique and theory, composition, improvisation, and production. Advanced study of the problems of choreography and production in their presentation as theater. Public performance is required. Prerequisite: one year of technique and theory or equivalent.
- 475-2 to 4 Individual Research.** The selection, investigation and writing of a research topic under supervision of an instructor. (a) Dance, (b) kinesiology,



(c) measurement, (d) motor development, (e) physiology of exercise, (f) history and philosophy.

**500-4 Techniques of Research.** Critical analysis of research literature; study of research methods and planning research studies. Prerequisite: 400 or concomitant registration in 400.

**501-4 Curriculum in Physical Education.** Principals and procedures for curriculum construction and revision; criteria for selecting activities and judging outcomes and the place of the physical education course of study within the total curriculum.

**502-4 Foundations of Motor Skills.** Application of physiological, kinesiological, and mechanical principles to intelligent control of large-muscle activities. Recommended background: a course in kinesiology.

**503-4 Seminar in Physical Education.** The course content and its procedures center around group discussions of controversial issues that currently exist in physical education and provide opportunities for practice in seeking unbiased solutions to professional problems.

**504-4 Research Projects in Physical Education.** Planning, conducting, and reporting original research studies. Prerequisite: 500 or equivalent.

**508-3 Administration of Interschool Athletics.** Existing problems in interschool athletics, with attention to secondary school athletic programs.

**509-4 Supervision of Physical Education.** The functions of supervision in physical and health education; basic principles and methods of supervision. Techniques and methods for increasing the effectiveness of the program at the elementary and high school levels.

**510-4 (2,2) Motor Development.** (a) Early patterns of motor behavior and the development of physical skills in childhood. (b) The development of physical abilities during adolescence. Individual differences in motor proficiency and factors affecting the acquisition of motor skills. Concepts of motor learning with inferences for improving instructional practices.

**511-4 Analysis of Human Physical Movement.** Basic human movements as performed by individuals of different ages analyzed. Understanding of movement mechanics at varying levels of skill analyzed.

**513-4 Perceptual Motor Learning of Physical Skills.** Principles of learning applied to motor performance. Variables that affect learning of physical skills. Prerequisite: consent of instructor.

**514-4 Advanced Laboratory Techniques for Physical Exercise.** Fundamental theory and procedures of instrument preparation, calibration, and application in data procurement. Prerequisite: 420 or equivalent, consent of department.

**515-4 Body Composition and Human Physical Performance.** Physical dimensions of the human body as they influence motor performance and are modified by protracted physical exercise. Prerequisite: 420 or equivalent.

**517-4 Athletic and Physical Education Facility, Design, Construction, and Maintenance.** Basic principles of design, construction, and maintenance of athletic and physical education facilities based upon program characteristics and potential student enrollment. Emphasis on the development of new materials and trends toward new concepts of design and construction. Prerequisite: 354 or equivalent; consent of instructor.

**520-4 Metabolic Analysis of Human Activity.** Metabolic principles pertinent to human physical performance with emphasis on sport, exercise, and occupational activity analysis. A detailed study of oxygen utilization, oxygen debt, mechanisms of oxygen transport as they relate to physiological homeostasis in localized and total body motor activity. Emphasis on the laboratory study of aerobic and anerobic performance. Prerequisite: 420 or equivalent.

**525-1 to 6 Readings in Physical Education.** Supervised reading in selected subjects. Prerequisite: consent of instructor and chairman of department. Open only to last-quarter seniors and graduate students.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-2 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Physics

**401-3 Mechanics.** Rigid body mechanics, normal coordinates, mechanics of continuous media, and advanced principles. Prerequisites: 301, Mathematics 455c, or consent of instructor.

- 404-6 (3,3) Physical Electronics.** Kinetic theory and statistical mechanics with applications to electronic conduction in solids, vacuum, and gases, electron emission and ballistics; Bose-Einstein and Fermi statistics, electron theory of metals; semiconductors; quantum physical phenomena of the solid state. Prerequisites: 304, 305, 401 or consent of instructor.
- 405-3 Electronics.** Advanced theory and application of vacuum tubes and semiconductor devices as circuit elements in power supplies, oscillators, amplifiers, and shaping circuits. Prerequisites: 305 and 309 or consent of instructor.
- 410-6 (3,3) Introduction to Electromagnetic Wave Theory.** A theoretical study of electromagnetic wave generation, propagation, and detection, with applications to microwaves and modern optics. Prerequisite: 305, 310.
- 415-12 (3,3,3,3) Modern Physics.** Elements of wave mechanics, special relativity, atomic, molecular, and nuclear physics. Prerequisites: 301, 305b, Mathematics 455c, or consent of instructor.
- 418-1 to 4 Modern Physics Laboratory.** Advanced laboratory work with pulsed and continuous lasers and optical detectors, nuclear magnetic resonance, nuclear spectroscopy, vacuum techniques, mass and beta spectroscopy, and semiconductor physics.
- 420-2 to 5 Special Projects.** Each student is assigned to a definite investigative topic. Adapted to advanced undergraduate students. Prerequisites: 301, 305.
- 447-5<sup>1</sup> Topics in Classical Physics.** Assists experienced teachers to improve their understanding of classical physics and the strategy of presenting it. Emphasis on demonstration of phenomena as basic strategy in the introduction of new material. Attention given to the design of demonstration apparatus. Related laboratory experience is an integral part of the course. Prerequisite: consent of department.
- 448-5<sup>1</sup> Topics in Modern Physics.** Assists experienced teachers to extend their understanding of modern physics. Lectures and demonstrations aim at improvement of the means of presenting the ideas of modern physics. Related laboratory experience is an integral part of this course. Prerequisite: consent of chairman of department.
- 449-3<sup>1</sup> (1,1,1) In-Service Institute for Teachers of Physics.** A series of lectures, demonstrations, discussions, and films to assist teachers of high school physics in meeting their classroom problems and responsibility. Prerequisite: consent of chairman of department.
- 504-12 (4,4,4) X-Ray Diffraction and Lattice Dynamics.** (See Applied Science 504.)
- 510-9 (3,3,3) Classical Mechanics.** Variational principles and Lagrange's equations; rigid body motion; special relativity; canonical equations, small oscillations including non-linear problems; perturbation methods; classical theory of field. Prerequisite: 401.
- 511-9 (3,3,3) Mathematical Methods of Physics.** Elements of theory of analytic functions; differential equations and special functions of mathematical physics; solutions of boundary value problems by Hilbert space expansion. Prerequisite: Mathematics 455c or equivalent, or consent of instructor.
- 520-2 to 5 Special Projects.** Each student assigned a definite investigative topic requiring resourcefulness and initiative. Prerequisite: consent of instructor.
- 530-9 (3,3,3) Electromagnetic Theory.** Maxwell's Formalism of classical electromagnetism, application of electrostatics, magnetostatics, electrodynamics and radiation problems. Prerequisite: 305.
- 531-9 (3,3,3) Quantum Mechanics.** Wave mechanics, matrix mechanics, transformation theory of quantum mechanics; angular momentum, perturbation theory, scattering theory. Prerequisites: 415, Mathematics 455c or consent of instructor.
- 532-9 (3,3,3) Advanced Quantum Mechanics.** Introduction to quantum field theory, with emphasis on the quantum theory of radiation; covariant quantum electrodynamics; special topics, depending on the interests of students. Prerequisites: 531 and consent of instructor.
- 540-9 (3,3,3) Nuclear Physics.** Fundamental properties and systematics of nuclei, scattering theory, the nuclear two body problem, nuclear models, electromagnetic properties of nuclei, particle radioactivity, nuclear reactions, the optical model. Prerequisite: consent of instructor.

<sup>1</sup> Open to teachers of high school physics, to National Science Foundation Institute participants, and to others who have received the consent of the chairman of the Department of Physics or the director of the institute. May count toward the Master of Science in Education degree with approval of the Department of Secondary Education.



**550-9 (3,3,3) Atomic and Molecular Spectra.** Detailed quantum mechanical treatment of atomic and molecular spectroscopy. Prerequisite: consent of instructor.

**560-9 (3,3,3) Statistical Mechanics.** Principles of classical and quantum equilibrium statistics; fluctuations; applications to specific problems of physics. Prerequisite: consent of instructor.

**570-9 (3,3,3) Solid State Physics.** Fundamental concepts in solid state physics from advanced viewpoint, with illustrations drawn from current research. Prerequisite: consent of instructor.

**575-1 to 4 Graduate Seminar.** Lectures on special topics to be given when a demand arises. Prerequisite: consent of instructor.

**580-3 to 6 Selected Topics in Physics.** Topics of special interest. Prerequisite: consent of instructor.

**592-1 Colloquy in Molecular Science.** Required each quarter of all resident students who have been admitted to advanced study in molecular science. Weekly conference on current research and recent literature of the field.

**599-1 to 9 Thesis.**

## Physiology

**410-15 (5,5,5) Advanced Human Anatomy.** Dissection of the human body. Prerequisite: consent of instructor.

**414-4 Anatomy and Physiology of Speech and Hearing Mechanisms.** The anatomy and physiology of the vocal apparatus. Primarily for majors in speech pathology. 3 hours lecture, 2 hours laboratory.

**415-8 (4,4) Experimental Animal Surgery.** (a) Preparation of animals for surgery. Anesthesia, instruments, care of animal quarters, selected exercises. (b) Special surgical exercises. 2 hours lecture, 4 hours laboratory. Part b may be elected independently of a only by permission of the chairman.

**417-6 (3,3) Principles of Pharmacology.** Action of drugs and other chemical substances upon the living organism. Physiological and biochemical events resulting from the action of drugs. Pharmacodynamics, chemo-therapy, toxicology, and therapeutics. Prerequisites: basic courses in chemistry and biological sciences. 2 hours lecture, 2 hours laboratory.

**430-12 (4,4,4) Cellular Physiology.** The nature and mechanism of the living cell. Chemical and physical aspects of vital activity. Required for graduate majors in physiology. Recommended for students interested in biochemistry and biophysics. 3 hours lecture, 2 hours laboratory.

**433-4 Comparative Physiology.** Fundamental physiological processes and the manner in which they vary in various groups of animals. Recommended for majors in physiology and for students in other biological science. 3 hours lecture, 2 hours laboratory.

**440-3 Electron Microscopy.** Lectures, demonstrations, and practical experience with the electron microscope. Fundamentals of specimen preparation. Open to students with advanced knowledge of any natural or physical science. 2 hours lecture, 2 hours laboratory.

**450-4 to 16 Special Problems in Physiology—Honors.** Eight hours laboratory. Required for honors students. Prerequisite: consent of department.

**456-4 to 12 Independent Research for Honors.** Supervised research and investigation in different branches of physiology. Prerequisite: consent of instructor and chairman.

**460-12 (4,4,4) Mammalian Physiology.** Function and biochemical organization in mammals, especially man. Open to students with adequate courses in biological sciences and chemistry. (a) Blood, circulation, respiration. (b) Digestion, excretion, endocrines. (c) Muscles, nervous system sense organs. 3 hours lecture, 4 hours laboratory.

**465-9 (3,3,3) Biophysics.** Fundamentals including physics in biological systems and the effects of the physical environment on living organisms. Prerequisite: 3 terms biology; 3 terms physics.

**471-9 (3,3,3) Biophysical Instrumentation.** Principles of electronics, accenting solid state circuit designs that apply to biophysics. Circuit construction for biophysical instruments is included. Prerequisite: 1 year of physics and consent of instructor.

**500-1 to 9 Advanced Seminar.** One meeting per week, 1 credit per quarter. Formal presentation of research and current literature in physiology. Required of all majors each quarter in residence.

- 519-3 Experimental Endocrinology.** Exercises to familiarize the student with advanced physiological investigation. Prerequisite: strong background in chemistry and the biological sciences. 2 hours lecture, 2 hours laboratory.
- 520-9 (3,3,3) Physiological Techniques.** Three terms of biophysics. (a) Analysis of protoplasmic components of tissue extracts under a variety of physiological conditions using chemical and physical procedures. (b) Gas analysis and metabolic methods in physiology. (c) Instrumentation for the recording of the physiologic activity of living tissues and organs. Use of channel recorders. Prerequisite: undergraduate concentration in any of the biological or physical sciences. 2 hours lecture, 4 hours laboratory.
- 521-1 to 6 Readings in Current Physiological Literature.** Open only by consent.
- 540-8 (4,4) Advanced Comparative Physiology.** Physiological processes among animals. Prerequisites: courses in chemistry and biological sciences. 3 hours lecture, 2 hours laboratory.
- 550-3 Radiation Biology.** Theory and specific applications of isotopes in physiology emphasized, and opportunity given to learn how to handle radioactive materials in the laboratory. 2 hours lecture, 2 hours laboratory. Prerequisites: general physics and biochemistry or equivalent.
- 565-3 Biophysics.** Application of the analytic methods of the physical sciences to physiology. Molecular aspects of control systems governing vital processes. 3 hours lecture. Prerequisite: one year of physics.
- 599-3 to 9 Thesis.** 9 hours to be counted toward a master's degree.
- 600-1 to 48 Dissertation.** Hours and credit to be arranged by chairman. Prerequisite: Admission to advanced study in molecular science.

### Plant Industries

- 401-4 Soil Physics.** Physical properties of the soil; factors affecting them, their measurements, evaluation, and their influence in determination of soil productivity. Prerequisite: 301.
- 402-4 Soil Morphology and Classification.** Morphology and soil formation, description and identification of soil profiles, classification of soils, techniques of soil mapping, and interpretation of survey data. Field trips approximate cost \$6. Prerequisite: 301.
- 403-4 Soil Chemistry.** Emphasis on inorganic and organic colloids in the soil, ionic exchange, oxidation-reduction processes, acidity, alkalinity, and salinity, and how each relates to plant nutrition and growth.
- 404-3 Turf Management.** Principles and methods of establishing and maintaining turf for homes, recreational areas, and public grounds. Study of basic plant and soil materials, fertility, culture, water management, and pest control as related to turfgrasses in variable environments. Field trips cost not more than \$2. Prerequisite: GSA 201b or equivalent.
- 406-5 Radioisotopes, Principles and Practices.** Lectures on the principles of radioisotope technology as applied to agricultural and biological sciences. Prerequisites: biochemistry, physiology, or consent of department.
- 407-5 (3,2) Fertilizers and Soil Fertility.** (a) Lecture. The uses of fertilizer materials; effects of various fertilizers on soils and crops; fertility maintenance and soil management. Prerequisite: one course in soils. (b) Laboratory. The laboratory study of the chemistry and fertility of soils. Parallels the theoretical presentation given in 407a. Prerequisites: 407a or concurrent enrollment.
- 408-4 World Crop Production Problems.** Ecological and physiological factors influencing reproduction in various areas of the world. Natural limitations on crop production. Nonagricultural factors influencing world crop output.
- 415-4 Plant Breeding.** Principles of plant breeding emphasized together with their application to the practical breeding of horticultural, agronomic, and forest plants. Prerequisite: any course in genetics.
- 418-4 Weeds and Their Control.** Losses due to weeds, their identification and distribution, methods of weed dissemination and reproduction. Mechanical, biological, and chemical control of weeds. "Bioactivity of herbicides." State and federal legislation pertaining to weed control herbicides. Herbicide commercialization. Field trips. Prerequisite: GSA 201b.
- 419-4 Forage Crop Management.** Forage production and utilization; forage crop characteristics, breeding, and ecology; grasslands as related to animal production, soil conservation, crop rotation, and land use. Field trip approximate cost \$3. Prerequisite: GSA 201b.



- 424-5 (3,2) Soil Microbiology. (a) (Lecture).** (Same as Microbiology 424.) A study of the numbers, characteristics, and biochemical activities of soil microorganisms, with particular consideration of their role in the transformations of organic matter, nitrogen, and minerals as related to soil fertility and management. Prerequisites: one course in microbiology or soils. **(b) (Laboratory).** Experiments designed to determine numbers, and to study the characteristics and biochemical activities of the soil microflora as related to fertility. Prerequisites: 424a, or concurrent enrollment, Microbiology 301.
- 437-4 Commercial Vegetable Production.** Culture, harvesting, and marketing of commercial vegetables. Field trips cost approximately \$3.00. Two-hour laboratory. Prerequisite: 264 or consent of department.
- 438-3 Advanced Studies in Vegetable Crops.** Genetics, morphological, and physiological factors influencing the production of vegetable crops. Offered in alternate years. Prerequisite: 264, Botany 320, or consent of department.
- 440-5 Plant Propagation.** Fundamental principles of asexual and sexual propagation of horticultural plants. Actual work with seeds, cuttings, grafts, and other methods of propagation. Prerequisites: 264.
- 456e-2 Agricultural Marketing Problems and Practices—Horticultural Crops.** (See Agricultural Industries 456e.)
- 506-2 Laboratory Methods for Radioisotopes.** Laboratory exercises giving the students experience in instrumentation, measurements, and the safe handling of isotopic materials. Prerequisite: 406 or consent of department.
- 507-3 Advanced Soil Fertility.** Theoretical principles of soil fertility; evaluation of research data and methods used in soil fertility research. Prerequisite: 407a.
- 518-4 Principles of Herbicide Action.** Chemistry and mode of action of herbicides. Nature of herbicidal action. Illustrates the various types of chemical weed control procedures in current use. The physiology of herbicidal action examined using the different mechanisms established for various chemical groups of herbicides. Prerequisite: 418, Botany 320.
- 520-1 to 6 Readings.** Contemporary books and periodicals on selected subjects within the fields of plant industries. Prerequisite: consent of department.
- 533-3 to 4 Growth and Development in Plants.** (Same as Botany 533.) External and internal factors as they affect development and growth of plants, photo-periodism, and the role of growth-promoting substances. Prerequisite: Botany 320.
- 575-1 to 6 Research.** Directed research on approved projects investigating selected fields of the plant industries. Prerequisite: consent of department.
- 581-1 to 6 Seminar.** Group discussions of and individual papers on subjects and problems relating to soils, field and horticultural crops, and other phases of the fields of the plant industries. Prerequisite: consent of department.
- 590-1 to 4 Special Studies in Plant Industries.** Directed study in specialized areas of crop production, horticulture, or soils depending on the program of the student. Discussions, seminars, readings, and instruction in research techniques. Prerequisite: consent of department.
- 599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Prerequisite: consent of department.

## Psychology

- 404-4 Theories of Perception.** An examination of the different theories concerned with an organism's sensory contact with his environment. Physiological, social, and organizational theories of perception will be considered. Prerequisite: 211b or consent of instructor.
- 407-4 Theories of Learning.** A consideration of the major contemporary learning theories and their relation to experimental data. Prerequisite: 211b or consent of instructor.
- 408-4 Theories of Motivation.** Systematic analysis of the concept of motivation with emphasis on its utility as an explanatory component of general behavior theory. Prerequisite: 211b or consent of instructor.
- 414-4 Advances in Physiological Psychology.** Reading and discussion of articles dealing with recent significant advances in the neuro-endocrine bases of behavior. Prerequisite: 314 or consent of instructor.
- 421-4 Psychological Tests and Measurements.** Principles of psychological measurement, including errors of measurement, techniques for estimating

reliability and validity, techniques of test construction, and problems in assessment and prediction. The laboratory will include the use of selected instruments. Lecture and laboratory. Prerequisite: 8 hours of psychology.

**425-4 Mathematical Psychology.** A survey of mathematical models of behavior, elementary models of learning, perception, and decision making are examined with a view towards introducing the student to the literature in mathematical psychology. Prerequisite: Mathematics 410a, 421a, 480a or consent of instructor.

**431-4 Psychopathology.** Classification, description, etiology and treatment of the disorders of personality organization and behavioral integration. Observations in a state mental hospital. Prerequisite: 305 or consent of instructor.

**440-4 Theories of Personality.** A review and critical evaluation of major personality theories and their supporting evidence. Prerequisite: 305 or consent of instructor.

**451-4 Advanced Child Psychology.** An examination of the concepts, methods, and problems of human development with consideration of both its psychological and psychosocial aspects. Prerequisite: 211b, and 301, or consent of instructor.

**459-4 Theory and Practice in the Preschool.** Designed for those in nursery education and related fields. Examines variety of topics and provides lectures, demonstrations, and practicum experience in the Child Study Cooperative Nursery. Prerequisite: consent of instructor.

**461-4 Advanced Social Psychology.** Examines current areas of interest in the study of social behavior: language behavior, communication, social influence, attitude change, interpersonal perception, etc. Emphasis is on the individual in the social context. Prerequisite: 307 or consent of instructor.

**465-4 Group Dynamics and Individual Behavior.** Examination of research and theory in the area of small-group interaction. Examines such topics as group structure and function, group problem-solving, leadership, etc. Prerequisite: 307 or consent of instructor.

**467-4 Psychology of Black Americans.** Critical examination of the issues in research and theory. Psychological differences between Black and White Americans. Includes self-concept, personality and temperament, intellectual functioning, behavioral genetics, socialization practices, and intergroup and intragroup relations. Prerequisite: 307 and GSE 201c.

**479-4 Animal Behavior.** (See Zoology 479.)

**490-1 to 16 Independent Projects.** Independent readings and projects in psychology. Prerequisite: consent of instructor and chairman.

**495-1 to 18 Seminar: Selected Topics.** Varied content. To be offered from time to time as need exists and as faculty interest and time permit. Prerequisite: consent of chairman.

**509-4 Instrumentation in Behavioral Science.** Study of methods of research instrumentation. Techniques of stimulation and of physiological and psychological response recording. Lecture and laboratory. Prerequisite: consent of instructor.

**510-4 History and Systems.** Study of the important antecedents of contemporary scientific psychology. Considers issues, conceptual developments, and research advances, and presents the major schools and systems. Prerequisite: consent of instructor.

**512-4 Sensory Processes.** A study of the structure and functions of the sense organs. Emphasis will be placed on the psychological data which describe the function of these organs. Lecture and laboratory. Prerequisite: consent of instructor.

**514-8 (4,4) Physiological Psychology.** Study of neural and endocrine mechanisms underlying behavioral processes. Lecture and laboratory. Prerequisite: consent of instructor.

**516-4 Learning Processes.** Processes by which individual behavior is changed, using procedures developed in the learning laboratory. Introduction to major concepts and data of learning. Prerequisite: consent of instructor.

**522-4 Research Design and Inference III.** Advanced design and analysis of psychological experiments. Analysis of variance in complex designs, analysis of covariance, and trend analysis. Prerequisite: Mathematics 410B.

**523-2 Research Seminar. Evaluation of Research.** A study of principles of research design from the point of view of the scholar reading the journals.

**524-4 Multivariate Methods in Psychology.** A detailed coverage of psychometric methods, with special emphasis on the theory and applications of



- multivariate regression analysis. Includes an introduction to factor analysis. Prerequisite: 522.
- 525-4 Mental Test Theory.** Derivation of the basic psychometric equations, effects of test length and group heterogeneity on test parameters, criteria of parallel tests, weighting and differential prediction. Prerequisite: 524.
- 526-4 Experimental Design in Psychology.** Consideration of the logic of psychological experimentation. Topics include randomization as related to experimental inference, complex designs used in experimental psychology, the use of concomitant information in experiments, faults and refinements in common psychological designs. Prerequisite: 522, Mathematics 410a,b.
- 530-4 Personality Theory and Dynamics.** Intensive treatment and critical analysis of several representative approaches to personality. Consideration also of important personality concepts common to most theoretical approaches. Prerequisite: consent of instructor.
- 531-8 Advanced Psychopathology.** Consideration of special topics, including psychological theories of the nature and etiology of human pathology, assessment of pathology, and institutional care and treatment. Includes extensive field experience in a mental hospital setting. Prerequisite: 530, 541, and consent of instructor.
- 532-2 Experimental Approaches to Personality.** Presentation of conceptual formulations and research data from representative experimental approaches to personality. Critical evaluation of methodological approaches to personality study. Prerequisite: 530 or consent of instructor.
- 533-3 Experimental Approaches to Psychopathology.** An examination of the research literature on several issues in clinical psychopathology. Prerequisite: consent of instructor.
- 536-4 Fundamentals of Counseling.** Introduction to the common assumptions, dimensions, and communicative skills underlying psychological counseling. Observation utilized to supplement didactic discussion. Lecture and demonstration. Prerequisite: consent of instructor.
- 537-4 Counseling and Psychotherapy.** Systematic presentation of major approaches to counseling and psychotherapy. Consideration of salient aspects of the therapeutic situation and of the process and nature of changes during psychotherapy. Critical evaluation of both theory and practice. Consideration of research findings and problems. Prerequisite: consent of instructor.
- 538-2 Group Psychotherapy.** Presentation of major approaches to group psychotherapy. Prerequisites: 537 and consent of instructor.
- 539-4 Experimental Approaches to Psychotherapy.** A review and evaluation of empirical research related to the amelioration of maladjustment. Emphasis is on measurement and methodological problems. Prerequisite: 536, 537, or consent of instructor.
- 541-4 Psychodiagnostics I.** Introduction to clinical psychology with attention to the function and clinical use of individual intelligence tests. Theories of intelligence and related research. Age scales with emphasis on infant and child testing. Point scales and tests of deterioration with emphasis on child and adult testing. Lecture and practicum. Prerequisites: consent of instructor.
- 543-6 (4,2) Psychodiagnostics II.** Basic theory and assumptions underlying projective methods. Use of projective techniques as measures of personality and as tools for clinical diagnosis and research. (a) Thematic projective techniques. (b) Rorschach and Bender-Gestalt. Lecture and practicum. Prerequisite: 541 or consent of instructor.
- 545-2 Psychodiagnostics III.** Nature and theory of questionnaires for personality assessment and psychodiagnosis. Consideration of their use in clinical research. Lecture and practicum. Prerequisite: consent of instructor.
- 547-4 Assessment Procedures in Counseling.** Use and integration of psychological test data, vocational, socio-economic, and educational information in assessment and counseling. Prerequisite: 421 or consent of instructor.
- 552-4 Experimental Child Psychology.** Consideration of relationship of methodology to child theory, typical methodological procedures and problems specific to children, and representative research topics. Prerequisite: 451 or consent of instructor.
- 554-2 Developmental Theory.** Systematic study and critical evaluation of theories of child behavior. Prerequisite: 451 or consent of instructor.
- 556-2 Psychological Treatment of the Child.** Investigation of personality and behavior problems. Etiological factors and methods of treatment. Prerequisite: 451 or consent of instructor.

**561-4 Social Influence Processes.** Critical review of theoretical and empirical developments in the study of influence processes, attitude change, etc. Social and intrapersonal determinants are examined. Prerequisite: 461 or consent of instructor.

**562-4 Observational Techniques and Content Analysis.** Examination and evaluation of research methods and measurement techniques utilized in social psychology. Prerequisite: 461 or consent of instructor.

**564-4 Communication and Group Behavior.** Emphasis in this course is on language behavior and the psychological study of the communication process. Examines theories, methods and research in these areas. Prerequisite: 471 or consent of instructor.

**571-4 Industrial Motivation and Morale.** A review of the factors which determine motivation and morale as well as their measurement and evaluation. Prerequisite: 320 or consent of instructor.

**572-4 Industrial Training.** A systematic consideration of the methods of industrial training and development on the production, supervision, and decision-making levels. Prerequisite: 320 or consent of chairman.

**573-2 Selection and Placement.** Selection and validation of test batteries, use of the interview and personal history data in selection, quota, and classification problems, administration of a selection program. Prerequisite: 524 or consent of instructor.

**574-2 Psychology of Industrial Relations.** Analysis of psychological factors involved in industrial organization, employer-employee relations, and union-management relations. Prerequisite: 571 or consent of instructor.

**576-2 to 4 Human Engineering.** Analysis of man-machine systems, human factors in the design of display and control systems, limitations and capabilities of the operator. Prerequisite: 512, 581, or consent of chairman.

**579-4 Animal Behavior.** (See Zoology 579.)

**581-4 Psychophysical Methods.** Survey of the major psychophysical methods and their applications. Lecture and laboratory.

**590-1 to 16 Readings in Psychology.** Readings in selected topics in psychology under staff supervision. Prerequisite: consent of chairman.

**591-1 to 36 Research in Psychology.** Research under staff supervision in selected areas of psychology. Prerequisite: consent of the chairman.

**593-1 to 18 Practicum in Psychology.** Practicum experience in a professional setting is offered under staff supervision in the following areas: (e) Clinical Psychology, (f) Counseling Psychology, (h) Industrial Psychology, (j) Child Psychology, (l) Teaching of Psychology.

**595-1 to 18 Advanced Seminar.** Seminars of varied content for advanced students. Prerequisite: consent of chairman.

**598-2 Ethical and Professional Problems in Psychology.** Problems in the professional practice of psychology and in teaching and research. Professional ethics, relations to other professions and the public, organization and structure of the field, current trends. Prerequisite: major in psychology or consent of instructor.

**599-1 to 9 Thesis.**

**600-1 to 45 Dissertation.**

## Recreation and Outdoor Education

**420-3 to 4 Human Development and Behavior.** Consideration of human development from the framework of the major theories. Includes acquisition and maintenance of diverse behavior patterns. Prerequisite: advanced standing.

**425-3 Recreation Areas and Facilities.** Principles of planning, construction, management and maintenance of shelters, utilities, sanitation structures, erosion control, and other related problems.

**470-4 School and Community Recreation.** The role of the public schools in community recreation. Emphasis on current practices and trends in curriculum content, adult education, extracurricular activities, after-school and vacation programs, and cooperative programs with other agencies.

**490-12 to 16. Internship in Recreation and Outdoor Education.** Experience in a professional setting. Emphasis on administrative, supervisory, teaching, and program leadership. School, community, industrial, agency, park and forest, and other situations. Not counted toward requirements of a graduate program.



**500-4 Principles of Recreation.** Principles and interpretations of recreation and the basic concepts underlying the organization of leisure activity. Emphasis on cultural significance of recreation and the relationship of recreation to the totality of life.

**510-4 Outdoor Education Workshop.** Leadership development for outdoor education and its place in the school program. Methods of utilization of natural and cultural resources for enrichment of the school curriculum.

**520-4 Recreation Administration Workshop.** Bases for planning community programs in recreation. Administrative problems including legislation, finance and budget, office management, public relations, and personnel are considered through application of principles.

**525-4 Special Population Workshop.** Basis for planning, organization, selection, evaluation, and adaption of activities to a variety of institutional and community recreation settings.

**530-4 Recreation Program Workshop.** Program planning, organization, and implementation of comprehensive leisure time programs in public and private recreation settings, emphasis on application of basic program principles to practice. Prerequisite: 500.

**540-4 Recreation Surveys and Planning of Facilities.** An analysis of scope, content, objectives, procedures, and types of recreational surveys and appraisals. Collection and analysis of data.

**570-4 Seminar in Recreation and Outdoor Education.** Discussion of individual projects; presentation of research problems and dissertation topics.

**596-2 to 9 Independent Study.** Independent study and research in the student's field of interest.

## Rehabilitation

**414-1 to 16 Developing Employment Opportunities.** Designed to train rehabilitation personnel in the attitudes, methods and skills pertinent to placement of handicapped persons in competitive and other occupations. Prerequisites: special standing and consent of instructor.

**417-4 Rehabilitation of the Economically Deprived.** Analysis of employment problems of the economically deprived with attention to training, counseling, and programs for rehabilitation.

**420-4 Human Development and Behavior.** Consideration of human development from the framework of the major theories, to include acquisition and maintenance of diverse behavior patterns. Prerequisite: advanced standing.

**480-2 to 4 An Introduction to Rehabilitation.** Philosophy, procedures, and practices underlying the rehabilitation movement, including the historical, social cultural, and economic factors and recent legislation that have contributed to its rapid development.

**481-2 An Introduction to Employment and Developmental Services.** A review of the development and growth of employment services and special youth centers, current social needs and trends, and the organizational patterns in such centers.

**485-4 Scientific Methods in the Behavioral Sciences.** Scientific methods as an approach to the investigation of human behavior including consideration of various systems of behavior theory and practice.

**486-4 Introduction to Behavior Modification.** Overview of the field of behavior modification, its procedures, techniques, and methods. A survey of current literature examining the various populations being utilized.

**490-1 to 6 Readings in Rehabilitation.** Select readings supervised by the staff. Prerequisite: consent of instructor.

**501-6 (2,2,2) Rehabilitation Administration.** (a) Programming and organizational structures, formal and informal, of public and voluntary agencies and facilities. (b) Current and progressive supervisory practices in rehabilitation agencies, communication channels, employee counseling and evaluation methods. (c) Developing community resources, involvement and utilization of public and voluntary agencies in developing a comprehensive rehabilitation program. Prerequisite: consent of instructor.

**503-2 Case Management in Rehabilitation.** Basic procedures in providing and coordinating available services for the handicapped in the context of a professional-client relationship. Prerequisite: consent of instructor.

**511-2 to 4 Vocational Developments and Occupational Choice.** The psychosocial meaning of work, vocational development and theory of occupational

choice, and the analysis of the labor market now and in the future. Prerequisite: consent of instructor.

**519-2 to 3 Selection, Placement, and Follow-up.** A survey of current methods and criteria used in job development, selective placement, and follow-up of handicapped and deprived individuals. Prerequisite: consent of instructor.

**520-4 Functional Analysis of Behavior.** Analysis of operant and respondent behavior with emphasis on the contribution of infrahuman investigations to the understanding of human behavior. Laboratory required. Prerequisite: consent of instructor.

**521-4 Child Behavior.** Systematic examination of the manner in which children (from conception on) acquire and maintain their behavior patterns and the role of the environment in controlling such development. Prerequisite: consent of instructor.

**526-4 Complex Human Behavior.** The manner in which humans acquire, maintain, and attenuate the more complex forms of behavior, particularly in the social, vocational, and educational areas of behavior. Prerequisite: consent of instructor.

**531-2 to 4 Vocational Appraisal.** Consideration of tests and procedures used in assessing the individual's functioning abilities and the meaning work has in achieving fulfillment, which also includes the requirements of the job for purposes of aligning the two. Prerequisite: 511 or consent of instructor.

**532-3 to 4 Assessment Procedures in Rehabilitation.** A general review of the fundamental bases of measurement, the criteria for selecting assessment devices, introduction to select standardized and time-sample instruments, and the use of these in rehabilitation. Prerequisite: consent of instructor.

**533-4 Measurement in Behavior Change.** Dividing the types of measurement into two categories, direct and indirect, an analysis of the relative advantages or disadvantages inherent in each technique when applied to specific behavior areas. Prerequisites: consent of instructor.

**535-4 Schedules of Reinforcement.** A study of schedules as a basis for understanding and controlling behavior, and the nature of schedule effects in relation to other behavioral variables. Prerequisite: consent of instructor.

**536-4 Individual Assessment in Rehabilitation.** Theoretical aspects of measuring instruments for individual assessment in rehabilitation. Includes problems in administration and interpretation. Field and laboratory experiences included. Prerequisite: 532 and consent of instructor.

**537-4 Diagnostic Procedures for Special Populations.** A detailed survey of the procedures in diagnosis and assessment of the retarded, blind, deaf, brain injured, and others. May include some laboratory assignments. Prerequisites: 532 and consent of instructor.

**539-1 to 6 Behavioral Programming.** Application of the technologies related to the arrangement of behavioral programs. Laboratory required. Prerequisite: consent of instructor.

**541-1 to 6 Medical Aspects of Rehabilitation.** A review of human systems, disfunctions leading to major diseases entities and injuries, and the implications for rehabilitation. Prerequisite: consent of instructor.

**543-4 Structural Basis of Behavior.** Structural basis of the respondent and operant behavior systems and their relationship to environmental variables effecting both systems. Prerequisite: consent of instructor.

**551-3 to 4 General Rehabilitation Counseling.** An overview of the basic counseling processes appropriate to rehabilitation settings. Includes consideration of the stylistic and interpersonal factors common to various persuasions. Prerequisite: consent of department.

**552-4 Rehabilitation Counseling Research.** An intensive study of the heuristic aspects of theory and the resultant research in rehabilitation counseling. Also develops researchable problems. Prerequisite: 551.

**555-2 Rehabilitation Counseling with the Mentally Retarded.** Review and discussion of the philosophy, issues, approaches, and research pertinent to the counseling function in the development of the retarded. Prerequisite: 551 or concurrent registration.

**556-2 to 4 Group Procedures in Rehabilitation.** Characteristics of intensive group experiences, and procedures in preparation for group counseling. Prerequisites: 551.

**558-4 Programmed Instruction and Behavior.** Techniques and procedure in programming material for rapid acquisition of new behavior with particular emphasis on automated instruction and programmed texts. Prerequisite: consent of instructor.



**561-2 to 3 Psycho-Social Aspects of Disability.** An examination of the socio-emotional impact of traumatic injury or chronic illness (on human functioning) and its role in the rehabilitation process. Prerequisites: consent of instructor.

**563-4 to 8 Aversive Control and Aggressive Behavior.** Methods of aversive control and negative reinforcement procedures. A review of the aggressive response as a consequence of aversive control. Prerequisite: consent of instructor.

**564-4 Sexual Behavior.** The definition and measurement of sexual responses, their significance and importance for understanding complex behavior patterns. Prerequisites: consent of instructor.

**565-4 Verbal Behavior.** Theoretical and empirical study of human verbal behavior. Emphasis on the environmental control of such behavior. Analysis of procedures used to modify deviant and retarded verbal responses. Prerequisite: consent of instructor.

**567-4 School-Related Behavior.** An intensive analysis of the students' and teachers' behavior, its functional relationship, and the ways in which behavior modification techniques might create a more satisfactory environment for teaching and learning. Prerequisites: consent of instructor.

**571-1 to 6 Seminar in Selected Topics.** Selected topics of pertinence to rehabilitation and counseling personnel. Prerequisite: consent of department.

**576-1 to 12 Seminar in Behavior Modification.** Basic issues involved in the modification of human behavior in the applied areas—scientific, methodological, ethical and social issues will be evaluated. Prerequisite: consent of instructor.

**578-1 to 6 Seminar in Correctional Rehabilitation Counseling.** Review of major issues and research relative to rehabilitation practices in youth and correctional settings. Prerequisite: consent of instructor.

**585-0 to 24 Practicum in Rehabilitation.** (a) Practice in various facilities and agencies including supervised experiences in the function and administration of these services. (b) Application of behavioral methods with humans under close direction of supervisory staff. (c) Practice in developing counseling skills with individuals and groups in varied settings. Prerequisite: consent of instructor.

**589-0 to 12 Internship in Rehabilitation.** Full-time practice in a rehabilitation setting supervised by both agency personnel and university faculty. Prerequisites: 585 and consent of department.

**590-1 to 16 Independent Projects.** Independent development of projects and systematic readings in pertinent rehabilitation areas. Prerequisite: consent of instructor.

**591-1 to 16 Research in Rehabilitation.** Systematic research on factors and procedures relevant to rehabilitation. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Prerequisite: consent of instructor.

## Secondary Education

**402-4 Aerospace Education Workshop.** Teachers learn about current developments in this area and how to incorporate aerospace information into existing curricula. They study in some detail the social, political, and economic consequences of this era.

**407-8 (4,4) The Middle and Junior High School.** (a) Organization, administration, and curriculum of the middle and junior high schools. (b) Workshop. Enables teachers to discover and evaluate new content, methods, and materials available for the middle school and junior high school and develops teacher-made functional instructional models. Must be taken in a,b sequence. Middle or junior high school teaching experience may be substituted for a as a prerequisite to b.

**409-4 Teaching Distributive Education.** For those who plan to become teacher-coordinators of vocational co-operative or in-school distributive education programs. Includes planning of facilities; selection and review of course content; preparation of instructional materials; organization and arrangement of units; related instruction; simulated block, and project plans; and student evaluation. Prerequisite: Marketing 301.

**410-4 Teaching Consumer Education.** For those who plan to become teachers of consumer education courses in secondary schools and junior colleges. Emphasis on meeting the state requirements for teachers of consumer education in Illinois. Includes selection and study of units of study; planning an evaluation program. Prerequisite: GSB 346, or Finance 305 or equivalent.

**440-4 Teaching Reading in High School.** A foundation course in how to teach reading in junior and senior high school: developmental and corrective reading programs; appraisal of reading abilities; methods and materials of instruction. Prerequisite: Guidance 305.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Technical and Industrial Education 485.)

**487-4 Teaching the Natural Sciences in Secondary Schools.** Objectives of science education; instruction methods and techniques appropriate for teaching science; desirable equipment, audio-visual aids, and instructional material; development of a course outline and at least one instruction unit. Prerequisite: 310 or concurrent.

**488-4 Teaching Social Studies in Secondary Schools.** Objectives, scope and sequence of curriculum, methods of teaching, materials and evaluation. Prerequisite: 310 or concurrent.

**490-4 Workshop in Economics Education.** (Same as Economics 490.) Designed to assist elementary and secondary school teachers in promoting economic understanding through the translation of economic principles and problems into classroom teaching materials.

**495-2-4 Seminar: Problems Related to Teaching Disadvantaged Youth.** For members of the National Teachers Corps and others working in classrooms with disadvantaged youth. Emphasis placed upon actual problems encountered by those enrolled. Reports and discussion based upon surveys and reading will be featured. Prerequisite: consent of instructor.

**498-2 to 6 Field Study Abroad.** Orientation and study before travel, readings, reports, and planned travel. Includes visits to cultural and educational institutions. Prerequisite: consent of instructor.

**506-4 Reading in the Secondary School.** For junior and senior high school teachers who desire a foundation in reading. Emphasis placed on the basic skills, appraisal of reading abilities, materials of instruction, and methods of teaching reading in the content areas. Prerequisite: 352 or teaching experience.

**507-2 to 4 Readings in Reading.** Independent reading; acquaintanceship with the literature and research in reading. Conference periods. Prerequisites: 505 and consent of instructor.

**508-4 Current Developments in Selected Subject Areas in Secondary Schools.** Problems, issues, and trends in the subject areas of the secondary school.

**509-4 to 8 Practicum in Reading.** For advanced students; teaching demonstrations and evaluations. Each student works with a group of reading disability cases. Prerequisites: 521a,b,c, and consent of instructor.

**510-4 to 8 Seminar: Problems in Reading.** Major field content seminar: Problems and practices; comprehensive review and evaluation of research and literature. Each student pursues a problem of his own interest.

**514-4 Organization and Administration of Reading Programs.** For reading specialists, principals, supervisors, consultants. Recent trends in elementary and high school reading programs, providing reading instruction for total school population, materials and equipment, in-service training, role of the reading specialist. Problems of class members are studied and discussed. Prerequisites: Educational Administration 561, 505.

**516-4 to 12 Internship in Reading.** Culminating experience for doctoral candidates. Each student supervises reading services in his own or cooperating school. Conference periods. Prerequisites: 521a,b,c, and consent of instructor.

**518-2 Supervision of Student Teachers.**

**521-12 (4,4,4) Diagnosis and Correction of Reading Disabilities.** Causes of reading difficulties; observation and interview procedures; standardized tests, instruments, and informal inventories; analysis techniques; experiences in preparing materials for corrective purposes. Each student diagnoses and treats a reading disability case under supervision. Prerequisites: 505 or 440 or concurrent registration with 550, and teaching experience.

**525-4 Cooperative Vocational-Technical Education.** Taught by agriculture, business, home economics, and technical and industrial educators to prepare teacher-coordinators for work experience programs in the public schools.

**560-2 to 12 New Developments in Technological Education.** (See Technical and Industrial Education.)

**561-4 Curriculum.** Modern practices and procedures in curriculum development, with attention to the professional, social, economic, and other major factors, in curriculum planning.



**562-4 Secondary School Curriculum.** Developments in secondary education. Bases of the curriculum of the secondary school.

**564-4 Secondary School Principalship.** (See Educational Administration and Foundations 564.)

**566-4 Seminar in Instruction.** Study and discussion of problems of instruction with attention to experimentation. Prerequisite: consent of instructor.

**570-4 Student Activities.** Activities of secondary school students. Includes student movements and mores.

**571-4 Seminar in Curriculum.** Current curriculum issues. Emphasizes the process of curriculum development, evaluation, and implementation in the public school setting. Limited to doctoral students. Prerequisite: 562, Elementary Education 561, or equivalent.

**572-4 Seminar: Research and Evaluation in Secondary Education.** Critical analysis of evaluation techniques and significant research in organization, learning, teaching, and curriculum in secondary education. Prerequisite: advanced standing and consent of instructor.

**575-2 to 4 Individual Research.** The selection, investigation, and writing of a research topic, under the personal supervision of a member of the departmental graduate staff, in one of the following areas: (a) Curriculum, (b) Supervision, (c) Language Arts, (d) Science, (e) Reading, (f) Social Studies, (g) Problems in secondary education. (h) Individual research—junior high school methods.

**589-2 Seminar in Community Development.**

**591-4 Workshop in Secondary Education.** Designed primarily to help high school principals to work effectively and with the help of resource leadership on the most urgent problems confronting their schools. Prerequisite: consent of instructor.

**596-5 to 9 Independent Investigation.** A field study required of each student working for the sixth-year professional certificate. The work should be done in the setting of a school system where the student is employed or where full cooperation is extended. Involves selecting a problem, survey of pertinent literature, recording of results, and appropriate interpretations and summarizations.

**598-12 Practicum.** Experience in curriculum construction, evaluation, and implementation. Students placed in local, state, or federal educational institutions and organizations under supervision of a number of the departmental graduate staff and a member of the cooperating institution. Not a substitute for student teaching. Prerequisite: consent of department.

**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Secretarial and Business Education

**403-3 Teaching Typewriting.** The programming of activities in typewriting training, methods of instruction, skill-building principles and techniques, selection and preparation of practice materials, standards of achievement, and evaluation of pupil performance. Prerequisite: 304 or equivalent.

**404-3 Teaching Shorthand and Transcription.** The programming of activities in shorthand and transcription training, methods of instruction, skill-building principles and techniques, selection and preparation of practice and home-work materials, standards of achievement, and evaluation of pupil performance. Prerequisite: 324a or equivalent.

**405-3 Teaching General Business Subjects.** Instructional methods and materials for, and the evaluation of pupil progress in, such basic business subjects as general business, consumer education, economic geography, business law.

**406-4 Teaching Office Practice and Office Machines.** Instructional methods and materials for, and the evaluation of pupil performance in, office practice and office machines.

**408-3 Teaching Bookkeeping and Accounting.** Instructional methods and materials for, and the evaluation of pupil progress in bookkeeping and accounting. Prerequisite: Accounting 251b or equivalent.

**411-1 to 6 Workshop in Business Education.** Major issues in business teacher education. Offered during one or two weeks of the summer session. Prerequisite: senior standing.

**414-6 (3,3) Organization and Administration of Cooperative Vocational Business Education.** (a) Philosophy and objectives of cooperative vocational programs, methods of selecting students and work stations, placing and supervising students on part-time jobs. (b) Preparation of instructional materials, job analysis, conducting related information classes, evaluating workers and work stations, advisory committees, public relations aspects of cooperative programs. Prerequisite: consent of instructor.

**415-6 Supervised Business Experience and Related Study.** Designed to prepare teachers and coordinators of in-school and cooperative vocational business education programs in accordance with the requirements of the Illinois State Plan for the Administration of Vocational Education. First week (15 hours) devoted to classroom study of the principles and problems of coordinating in-school and cooperative vocational business education programs next five weeks (200 hours) devoted to supervised occupational experience; seventh week (15 hours) devoted to classroom analysis and evaluation of on-the-job experiences of the members of the class in relation to their future work as coordinators and vocational teachers. Each student applies for and obtains his own position with the assistance and approval of the instructor. While employed, each student looks for and analyzes relationships between his work experiences and the in-school or cooperative work experience program he will later conduct. Prerequisite: consent of instructor.

**417-4 Applications and Fundamentals of Data Processing in Business Education.** Acquaints business teachers with data processing applications in high school business classes. Emphasis on vocabulary development, unit record equipment, concepts of programming, and fundamentals of computer applications. Approximately one-third of the course will be spent in machine operation.

**426-4 Office Management.** The principles of management as applied to office problems. Emphasis on the role of the office in business management; office organization; physical facilities of the office; office services, procedures, standards, and controls; records management.

**427-4 Records Administration.** The requisites for records administration. The value of files, their creation, control, retention, and disposition. Applications to such records as medical, legal, educational. Prerequisite: 407.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Technical and Industrial Education 485.)

**500-4 Principles and Problems of Business Education.** A study of the fundamentals of business education; its relation to business, to general and vocational education, and to guidance programs; its history, current status, and trends; special emphasis on objectives and curriculum problems.

**502-4 Research in Business Education.** A study of research findings and techniques as exhibited in representative investigations in business education. Emphasis on reading and interpreting research, using research findings in solving instructional problems, and uncovering potential topics for future research. Prerequisite: Guidance 422b.

**503-4 Tests and Measurements in Business Education.** The selection, construction, administration, and interpretation of tests and test scores in business education subjects. Principal emphasis on teacher-made tests, especially of the performance type, with secondary attention to published tests in the field.

**505-1 to 6 Workshop in Business Education.** Major issues in business teacher education. Ordinarily offered during one or two weeks of the summer session.

**508-4 Administration and Supervision in Business Education.** History and philosophy of administration and supervision in Business Education with consideration of problems arising at local, state, and national levels; and at secondary, college, and university levels. Supervisory problems will include curriculum construction and evaluation, classroom supervision, promotional policies, selection of textbooks, purchase and maintenance of equipment, physical arrangements, and other areas according to need of students.

**509-4 Improvement of Instruction in General (Basic) Business Subjects.** Designed for the experienced high school teacher who is interested in the study of curriculum and teaching problems in basic business subjects. The course will include teaching procedures, review of materials, formulation of tests and evaluation. The organization of teaching units and projects will be emphasized.

**510-4 Improvement of Instruction in Secretarial Subjects.** Designed for the experienced high school teacher who is interested in the study of curriculum



and teaching problems in secretarial subjects. The course will include teaching procedures, review of materials, formulation of tests and evaluation. Prerequisite: 403 or 404 or 406.

**525-3 Interrelated Vocational Cooperative Education.** (See Technical and Industrial Education 525.)

**590-2 to 5 Readings in Business Education.** Supervised readings in selected subjects. Prerequisite: consent of instructor.

**591-2 to 5 Individual Research in Business Education.** Selection and investigation of a problem, use of relevant sources and techniques, collection, evaluation, and interpretation of data; and the writing of a report on the investigation. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Sociology

**406-4 Social Change.** Processes of social change in the modern world; culture lag and conflict of norms; individual and social problems arising from conflicting systems of social values and cultural norms. Prerequisite: two sociology courses or consent of instructor.

**412-4 Sociological Research.** Application of the scientific method to sociological problems. The role of theory. Principles of good research design, measurement, sampling and analysis. Prerequisite: graduate status or consent of instructor.

**415-3 Logic of the Social Sciences.** (See Philosophy 415.)

**424-4 Collective Behavior.** The behavior of people in large groups; collective interstimulation and emotions; crowds, audiences, and publics; mass stimuli and mass response. Prerequisite: 321 or consent of instructor.

**426-4 Social Factors in Behavior and Personality.** How group situations and values affect behavior and shape personality; development of concepts, role-concepts, attitudes, values; theories of motivation; self-concepts; conflicting social values in relation to individual motivation. Prerequisite: 321 or Psychology 305, or consent of instructor.

**427-4 Personality and Social Adjustment.** Basic mechanisms of adjustive behavior; concepts and criteria of personal integration and social adjustment; varieties of adjustive and non-adjustive behavior; theories of personal organization and disorganization; selected problems. Prerequisite: 321 or Psychology 305 or consent of instructor.

**435-4 Social Stratification.** A comparative study of social class systems, with emphasis on the American systems. Relationships of class position to behavior in family, religion, politics, etc. Prerequisite: two sociology courses or consent of instructor.

**437-4 Sociology of Rural Development.** Development in the United States and other countries. Conceptions of "rural," "urban," "developed" and "underdeveloped" considered. Analytic frames of reference for treating these phenomena compared. Prerequisite: two sociology courses or consent of instructor.

**438-4 Sociology of Occupations and Professions.** Natural history and institutional aspects of occupations in our society, cultural context of occupations in both primitive and modern society, preparation for jobs, human values in work, promotion and discharge, mobility, retirement. Prerequisite: two sociology courses or consent of instructor.

**450-4 Social Thought Before 1800.** The ideological basis of Western society. The classical foundations. Trends of thought from the Renaissance to the Enlightenment. Prerequisite: two sociology courses or consent of instructor.

**451-4 The Sociological Movement.** From Romanticism to Realism; rise and development of scientific social thought. Prerequisite: two sociology courses or consent of instructor.

**452-4 Black Social Thought.** Original works of black writers from the standpoint of problems and prospects of black people in America, and the social context in which these works developed. Relevance of these writings to understanding the current racial situation in the United States considered. Prerequisite: one sociology course and consent of instructor.

**453-4 Social Movements.** A sociological study of modern social movements; social and cultural backgrounds, forms of expression and organization; social structure of social movements, their role and function in modern society. Prerequisite: two sociology courses or consent of instructor.

**454-4 Sociology of Science.** Emphasis on the origins and growth of science

in historical perspective, reciprocal relations between science and society in the twentieth century, science as a social system, differentiation within and relations between disciplines, and implications of the social organization of scientific research and finding. Prerequisite: two sociology courses or consent of instructor.

**460-4 Sociology of Medicine.** Man and his adaptation to illness, the sick role, the doctor patient relationship, the organization of medical care and health institutions in the United States, and the role of the sociologist in the health fields. Prerequisite: two sociology courses or consent of instructor.

**470c-4 Urban Planning.** (See Government 470.)

**471-4 Principles of Demography.** Techniques in analyzing and evaluating data on human population; composition, birth and death rates, life tables, migration data, estimates of future trend. Practical uses of demographic techniques. Prerequisite: consent of instructor.

**472-4 The American Correctional System.** A survey of the correctional field covering probation, institutional treatment, and parole: their historic development, organizational structure, program content, and current problems. Prerequisite: 372 or consent of instructor.

**473-4 Juvenile Delinquency.** Nature of juvenile delinquency; relationship to theories of deviant behavior; efforts at prevention and control. Prerequisite: two sociology courses or consent of instructor.

**481-4 Processes in Social Work.** Theory, rationale, and practice of casework, group work, social welfare organization, and the roles of supervision, administration, and research in relation to each. Case material study and discussion with field observation and practice. Prerequisite: 375 or consent of instructor.

**482-3 Social Work in Selected Agencies.** Study of representative literature on casework in family, psychiatric, medical, school, military, child welfare, and correctional settings, and others. Case material study and discussion with field observation and practice. Prerequisite: 481 and consent of instructor.

**483-4 Current Problems in Corrections.** An exploration of contemporary problems in the control and treatment of sentenced offenders and a review of research trends in corrections. Prerequisites: 472 and consent of instructor.

**489a-4 Probation, Classification, and Parole.** An introduction to the structure and function of those elements of the correctional process primarily concerned with the evaluation, treatment, and control of offenders with particular attention to the casework components of the process. Prerequisite: 481 or consent of instructor.

**489e-2 to 4 Independent Study in Corrections.** Supervised readings or independent investigative projects in the various correctional aspects of crime control, institutional management, and specific correctional programs. Prerequisite: consent of instructor.

**497-4 Senior Seminar.** Issues in sociology and the analysis of these issues. Prerequisite: senior standing with 20 hours in sociology or consent of instructor.

**498-8 (4,4) Individual Research.** With a faculty member the student arranges a research topic resulting in a paper or report. Prerequisite: senior standing with 20 hours of sociology and consent of instructor.

**499-4 Special Projects.** The class works in groups or in concert in the development and completion of a theoretical or applied project. Prerequisite: 308, 312, and senior standing with 20 hours of sociology or consent of instructor.

**501-4 Survey of Sociological Theory.** The development of sociology as a science of society, from synthetic philosophy to analytic sociology. Prerequisite: 451 or consent of instructor.

**502-4 Seminar in European Sociological Theory: 1800-1910.** The theoretical systems of selected European sociologists studied from the original writings. Prerequisite: 15 hours of sociology or consent of instructor.

**503-4 Seminar in European Sociological Theory: 1910 to the Present.** A Continuation of 502. Prerequisite: 15 hours of sociology or consent of instructor.

**504-4 Seminar in American Sociology.** A survey of development of American sociology from its beginnings in the late 19th century to the present. Prerequisite: 501 or consent of instructor.

**506-4 Seminar in Contemporary Sociological Theory.** An analysis of recent sociological theories, including a survey of current approaches to the construction and application of systematic theoretical models. Special attention will be given to "structural-functional" analysis and to the theoretical adequacy of selected theory-oriented empirical research areas. Prerequisite: 15 hours of sociology or consent of instructor.



**512-4 Sociological Research.** Application of the scientific method to sociological problems. The role of theory. Principles of good research design, measurement, sampling, and analysis. Prerequisite: 15 hours of sociology or consent of instructor.

**513-2 Supervised Research.** Under guidance of instructor, students conduct a sociological research project. Prerequisites: 412 and 526.

**519-4 Methodological Foundations of the Social Sciences.** Social science methodology; the nature of social facts and phenomena, the formation of concepts, the application of logic in the social sciences. Prerequisites: 407, and Philosophy 420 or consent of instructor.

**521-4 Seminar in Social Psychology.** Survey of theoretical systems; progress toward integrated body of behavioral theory. Prerequisite: 426.

**522-4 The Sociology of Small Groups.** The study of the small group as a small-scale social system. The interrelationship between selected patterned properties of groups such as interaction, emotion, norms, beliefs, values, and myths as the group encounters and attempts to deal with basic problems of group development. Prerequisite: 426 or consent of instructor.

**526-4 Quantitative Methods in Sociology I.** Elementary logic and argumentation; sets, relations and functions; graph theory; problems in concept formation and measurement in sociology. Prerequisite: college algebra.

**527-4 Quantitative Methods in Sociology II.** Elements of finite probability theory; Boyesian analysis; mean, variance, and distribution of random variables; covariance and correlation; the binomial distribution; introduction to simple stochastic processes as models of social processes. Prerequisite: 526 or consent of instructor.

**528-4 Quantitative Methods in Sociology III.** The logic of choosing and interpreting a statistic; association; inference and estimation; sample size; multi-variate association and correlation; Fortran II and the uses of the computer in sociological research. Emphasis will be given to problems of association. Prerequisite: 527 or equivalent.

**529-4 Sociological Measurement.** Organizing empirical data; choosing and interpreting a statistic; bi-variate association and correlation; inference and estimation. Prerequisite: consent of instructor or college algebra.

**530-4 Research Design.** Types of research design. Formulation of a research problem. Ecological research methods. Case studies, types of experimental designs. Management of research projects. Types of sampling. Prerequisite: 527 or equivalent.

**531-4 Research Analysis.** Content analysis. Classification, editing, coding, tabulation, and graphing. Analysis of descriptive research. Analysis of explanatory research. Errors and bias in research. Presentation of research findings. Prerequisite: 530 or consent of instructor.

**532-4 Urban Social Structure.** Theories of urban social structure and change, with emphasis on the comparative analysis of ecological and normative processes of integration and disintegration in modern urban communities.

**533-4 Ecology of Human Communities.** Spatial and temporal organization of population and institutions with special reference to the organization of rural and metropolitan communities. Emphasis on basic research methods and current sources of data in respect to type, structure, and growth of the communities. Prerequisite: 15 hours of sociology or consent of instructor.

**534-4 Seminar in Intergroup Relations.** Cross-cultural study of inter-ethnic and inter-faith relations, with special attention to conflict, accommodation, acculturation and assimilation. Prerequisite: 15 hours of sociology or consent of instructor.

**537-4 Sociology of Law.** An analysis of the role of law in society. Special emphasis will be given to the relationships between law and social organization, social control, social value systems, and social change; consideration will be given to research in the field. Prerequisite: 15 hours of sociology or consent of instructor.

**538-4 Seminar in Industrial Sociology.** Selected aspects of industrial organization and related problems including such topics as: functional and dysfunctional deviations from ideal bureaucracy, promotion policies, labor relations, job attitudes, job satisfactions, and public relations. Prerequisites: 15 hours of sociology and consent of instructor.

**539-4 Sociology of Bureaucracy.** Analysis of the structural characteristics and conditions for the emergence of bureaucratic and quasi-bureaucratic forms of organization. Attention to such problems as the bases of authority, stabilizing mechanisms, systems of formal and informal relations, rationality

and paradox in bureaucratic organization; impact of bureaucratic organization upon character structure and its role in the formation of classes and elites. Prerequisites: 15 hours of sociology and consent of instructor.

**542-4 Seminar on the Family.** The family as a field of sociological study. Assessment of significant historical and contemporary writing. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**543-4 Seminar in Family Variability.** An analysis of the structure, organization and function of the family in several contemporary and primitive societies. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**544-4 Seminar in Family Research.** A detailed analysis of significant research in the field of the family. Special attention to methods employed as they relate to the specific problems investigated. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**545-4 The Family and Social Change.** The significant social factors responsible for changes in the family. Analysis of representative writings from several periods. Prerequisite: 15 hours of sociology including 340 or consent of instructor.

**561-4 Alcohol and Society.** Analysis of the determinants of ranges of variation in drinking patterns, normal or pathological, viewed cross-culturally and in the context of complex society. Special consideration will be given to the following: the ecology of drinking and alcoholism, drinking patterns and social structure, drinking centered subcultures and institutions, as well as to the genesis and patterning of deviant drinking (alcoholism), responsive movements and systems of control. Prerequisite: consent of instructor.

**562-4 Deviance and Disorganization.** Comparative study of the role of social, cultural, and psychological factors in the genesis of specific social pathologies exhibiting marked variation in group rates. Pathologies such as suicide, homicide, and alcoholism will be taken as illustrative. The strategic significance of the study of such phenomena for theories of social and personal disorganization will be considered in detail. Prerequisite: consent of instructor.

**563-4 Research Problems in Deviance and Disorganization.** For students who are concerned to develop viable research projects in the areas of social disorganization and deviant behavior. Students formulate and present original research prospectuses for critical evaluation. Consideration given to questions of theoretical relevance, research design, and appropriate techniques. Prerequisite: consent of instructor.

**564-4 Social Factors in Mental Disorders.** An examination of the role of social organization and structure in the emergence of mental disorders. Consideration given to pertinent theoretical and research contributions. Prerequisite: consent of instructor.

**566-4 Community Organization and Disorganization.** Nature of the community and community generating processes. Appraisal of consensus and allocation of power. Illustrative community case studies. Prerequisite: consent of instructor.

**572-4 Seminar in Criminology.** Critical study of important research and theoretical analyses. Prerequisite: consent of instructor.

**583-4 to 12 Supervised Field Work in Corrections.** Experience in state and federal institutions, probation and parole departments, juvenile courts, delinquency control programs, and public or voluntary agencies. Students registering will be required to attend orientation sessions prior to actual placement; enrollment should be discussed considerably in advance of experience to facilitate arrangements with agencies. Prerequisite: consent of instructor.

**591-2 to 6 Individual Research.** Supervised research projects. Open only to graduate students with a major in sociology. Prerequisite: consent of instructor and chairman of department. Credit according to achievement.

**596-2 to 12 Readings in Sociology.** Supervised readings in selected subjects. Prerequisite: consent of instructor and chairman of department.

**599-2 to 9 Thesis.** Prerequisite: consent of chairman.

**600-1 to 48 Dissertation.** Prerequisite: consent of chairman.

### Special Education

**406-4 Techniques and Interpretation of Hearing Tests.** (See Speech Pathology and Audiology 406.)

**410a-4 Problems and Characteristics of the Emotionally Disturbed Child.**



Diagnosis, screening, classroom management, placement considerations, goals and the effective use of ancillary services. Emphasis on the understanding of maladaptive behavior through principles of learning and behavior dynamics. Prerequisite: 414 or consent of instructor.

**410b-4 Problems and Characteristics of the Mentally Retarded.** Objectives, curriculum, methods, and materials of instruction for slow learners. Emphasis upon the principles of learning as they can be applied to this group. Observations. Prerequisite: 414.

**410c-4 Problems and Characteristics of the Gifted Child.** Designed to help teachers in the identification of and programming for gifted and talented children. Prerequisite: Psychology 301 or 303 or consent of instructor.

**410d-4 Problems and Characteristics of the Acoustically Handicapped Child.** Consideration of psycho-social and educational aspects of deafness. History and attitudes of society. The impact of auditory impairment on language development, education and adjustment. Prerequisite: Psychology 301 or 303, or consent of instructor.

**411-4 Assessment and Remediation of Learning Disabilities.** (Same as Guidance 411.) Theories of special tests and remedial programs designed for children with specific learning disabilities of a perceptual or coordination nature and who may demonstrate related adjustment problems. Prerequisite: 414 and consent of instructor.

**413a-4 Directed Observation of Emotionally Disturbed Children.** Student observation and participation in group and individual work with emotionally disturbed children. Often taken concurrently with 410a. Prerequisite: consent of instructor.

**413b-4 Directed Observation of Mentally Retarded Children.** Student observation and participation in group and individual work with mentally retarded children. Prerequisite: 410b or concurrent enrollment, 414, and a major in special education.

**413d-4 Directed Observation and Practice with Hard-of-Hearing Children.** Student observation and participation in group and individual work with hard-of-hearing children. Often taken concurrently with 515. Prerequisite: consent of instructor.

**414-4 The Exceptional Child.** Physical, mental, emotional, and social traits of all types of exceptional children. Effects of handicaps in learning situations. Methods of differentiation and techniques for rehabilitation. Individual case studies used; observations and field trips. Prerequisite: Psychology 301 or 303 or consent of instructor.

**415-4 Education of Acoustically Handicapped Children.** Comparison of language development in hearing and acoustically handicapped children. Survey of established systems of teaching language to the deaf. Principles and techniques in developing concepts, vocabulary, and basic English structures; receptive and expressive oral and written language. Prerequisite: consent of instructor.

**416-4 Introduction to Audiology.** (See Speech Pathology and Audiology 416.)

**419-4 Communication Problems of the Deaf and Hard of Hearing.** (See Speech Pathology and Audiology 419.)

**420a-4 Methods and Materials for Teaching Emotionally Disturbed Children.** Offered in conjunction with practice teaching, dealing with methods and materials needed in teaching emotionally disturbed children.

**420b-4 Methods and Materials for Teaching Mentally Retarded Children.** Usually offered in conjunction with practice teaching, dealing with methods and materials needed in teaching educable mentally retarded in special education programs. Prerequisite: 410b and consent of instructor.

**420d-4 Methods and Materials for Teaching Acoustically Handicapped Children.** Methods, materials and techniques of teaching reading and elementary subjects to acoustically handicapped children in special education programs. Prerequisites: 410d and consent of instructor.

**421-4 Speech for Acoustically Handicapped Children.** A survey of methods in teaching oral language skill to acoustically handicapped children. Emphasis on use of visual, tactile, and kinesthetic sensory avenues in developing intelligible articulation. Voice and sentence rhythm, consideration of auditory training techniques in relation to speech development. Prerequisite: Speech Pathology and Audiology 200.

**428-4 Speech Correction for the Classroom Teacher.** (Same as Speech Pathology and Audiology 428.)

**496-2 to 8 Readings and Independent Study in Special Education.** Study of a

highly specific problem area in the education of exceptional children. Open only to selected seniors and graduate students. Prerequisites: 414 and consent of staff.

**501-8 (4,4) Special Research Problem.** (a) Research design and methodology in special education. (b) Development and performance of research study under direction. Prerequisite: consent of department.

**513-4 Organization, Administration, and Supervision of Special Classes.** Emphasis upon the functions, underlying principles, and cautions to be observed in the organization and administration of special classes. The selection and training of teachers, problems of supervision, special equipment, transportation, cooperating agencies, and legal aspects of the problem. Prerequisite: 414.

**515-4 Itinerant Teaching of Exceptional Children.** Consultation and interviewing techniques for use with individual exceptional children, their parents, teachers and other school or agency personnel. Methods of individual and small group instruction. Emphasis on itinerant service for emotionally disturbed and hard-of-hearing children through separate concurrently scheduled lectures and demonstrations. Prerequisite: 410a,b, or d.

**517-4 The Atypical Child and Social Agencies.** A survey of social agencies contributing to the welfare and care of exceptional children. Emphasis given to services rendered and to methods of contact and cost. Visits made to agencies and institutions. Specialists invited to appear before the class. Prerequisite: 414 or consent of instructor.

**518-10 to 20 Workshops in Special Education.** Promotes better understanding of the psychological and educational problems of children with learning and behavioral disorders. Specialists used as consultants. Open to graduate students majoring in education, guidance, or special education. (a) Education of children with learning and behavioral disorders. (b) Education of mentally retarded children. (c) Education of gifted children. (d) Education of acoustically handicapped children. (s) Administration of special education programs. Prerequisite: 414.

**577-4 to 12 Practicum in Special Education.** Supervised experience in school or institution programs for atypical children. Special research project. Open to graduate students only. Prerequisites: 410a,b,c, or d and consent of staff.

**580a-4 Seminar: Education of Maladjusted Children.** Analysis of research, trends, and programs in the education of children who are emotionally disturbed, socially maladjusted, or have learning disabilities. For graduate students in special education only. Prerequisites: 414 and consent of instructor.

**580b-4 Seminar: Education of Mentally Retarded Children.** Analysis of research, trends, and programs in the education of children who are mentally retarded. Open to graduate students in special education only. Prerequisites: 414 and consent of instructor.

**580d-4 Seminar: Education of Acoustically Handicapped Children.** Analysis of research, trends and programs in the education of children who are deaf or hard-of-hearing. Open to graduate students in special education only. Prerequisites: 414 and consent of instructor.

**590-4 Seminar: Education of Children with Mental Deviations.** Critical review of administrative practices, research, theories and etiological factors relevant to programs in the education of children who are mentally retarded or gifted. Implications of research in related disciplines. Application of theories to practice. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**591-4 Seminar: Education of Physically Handicapped Children.** Critical review of administrative practices, research theories and etiological factors relevant to programs in the education of children who are acoustically, visually, or orthopedically handicapped or those who, for medical reasons, must receive homebound instruction. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**592-4 Seminar: Education of Children with Learning and Behavioral Disorders.** Critical review of administration practices, research theories, and etiological factors relevant to programs in the education of children who are emotionally disturbed, socially maladjusted, and/or have specific learning disabilities. Implications of research in related disciplines. Application of theories to practice. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**596-5 to 9 Independent Investigation.** A field study required of each student working for the sixth-year specialists certificate. The work should be done in



the setting of a school system where the student is employed or where full cooperation is extended. The study will involve selecting of the problem, surveying of pertinent literature, recording of results, and appropriate interpretations and summaries.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.**

## Speech

**General Speech:** 408-4, 429-4, 440-4, 449-4, 450-12 (4,4,4), 520-3, 530-1 to 4, 532-4, 599-2 to 9, 600-3 to 48.

**Oral Interpretation of Poetry:** 423-4, 424-4, 434-4, 523-3, 530-1 to 4, 599-2 to 9.

**Rhetoric and Public Address:** 407-8 (4,4), 417-4, 418-4, 425-3, 500-4, 504-3, 505-4, 508-4, 510-4, 524-3, 530-1 to 4, 599-2 to 9.

**Speech Education:** 406-4, 427-4, 511-3, 525-4, 530-1 to 4, 599-2 to 9.

**401-4 Creative Dramatics.** (Same as Theater 401.) Materials, techniques, and procedures for conducting sessions in informal drama with emphasis upon its contribution to the total growth and development of the child. Includes lectures, observations, student participation, and practice.

**406-4 Teaching Speech in Secondary Schools.** Philosophy of speech education, and effective teaching of speech through curricular and extra-curricular work. Prerequisite: 16 hours of speech.

**407-8 (4,4) History of American Public Address.** Critical studies of American speakers; selected speakers and speeches which reflect the dominant social and political ideas in American history. A lecture, reading, and discussion course. Parts may be taken independently.

**408-4 Psychology of Speech.** Nature and development of speech, its basic psychology, and the part speech plays in personality development.

**417-4 Contemporary Public Address.** A critical study of speakers and speeches selected to present the characteristic ideas of leading social and political developments in national and international affairs since 1918. A lecture, reading, and discussion course.

**418-4 British Public Address.** Study of British speakers to c. 1920. Selection of material governed by men and issues that affected British history.

**422-4 Oral Interpretation of Prose.** The study of reading of prose literature emphasizing the specific problems posed for the oral reader by this form. Prerequisite: 323, GSD 200, or consent of instructor.

**423-4 Oral Interpretation of Poetry.** The reading of poetry and the interpretation of the thought and emotional content of the poetry to the audience. Prerequisites: 103, 223.

**424-4 Oral Interpretation of Dramatic Literature.** Readings, selecting, cutting, and presenting various types of dramatic literature. Each student gives a final recital program of readings. Prerequisites: 103, 223.

**425-3 Techniques of Discussion Leadership.** Group discussion designed to clarify the functions and concepts of the leader in democratic society.

**427-4 Secondary School Forensic Program.** Coaching and organizational methods for forensic programs in school and college.

**428-4 Communication Theories and Models.** Survey, analysis, and criticism of contemporary theories and models of human communications with an emphasis on behavioral theories and models.

**429-4 Experimental Studies in Oral Communication.** Principles of research design accompanied by a critical examination of research in oral communication. Prerequisite: 428.

**430-2 to 4 Independent Study.** Creative project to be completed in one quarter. Nature of assignment determined by student and instructor and approved by department chairman. Prerequisite: 12 hours speech courses and consent of instructor.

**431-2 to 12 Internship or Practicum in Public Relations.** Students compete for a professional quarter under the supervision of the director of PR instruction and the PR group of a corporation, institution, agency, or counseling firm. Credit depends upon the demands and complexity of the work which the student performs. Evaluation is a joint function of the group professionals and the director. Prerequisite: 331; Marketing 340; Management 301, 363.

**434-8 (4,4) Workshop in Group Performance.** (a) Professional work on the

public platform which is climaxed by a lecture or recital of a professional nature. (b) Oral performance of children's literature. Such techniques as chamber theatre, reader's theatre, choral speaking, and story dramatization used extensively. Performance will be in class as well as in area public schools. Prerequisite: 323; grade of A in GSC 200, or Speech 401, or Education 413, or consent of instructor.

**435-4 Studies in Organizational Communication.** Communication systems and behavior within formal organizations. Focused on theory and research of informational and directive communication as related to channels, structures, status, involvement, morale, and leadership. Prerequisite: 303.

**440-4 Advanced Phonetics.** Phonetic theory. Materials and methods of linguistic geography. Prerequisite: 200.

**441-4 Teaching Speech in Elementary Schools.** Study of oral language development in children, analysis of their speech needs, and methods of teaching speech in elementary schools with emphasis on speech improvement and development of basic speech skills.

**449-4 General Semantics.** Means of changing implications so that language, in spoken or written form, describes the life facts.

**450-12 (4,4,4) Laboratory in Interpersonal Communication.** Communication viewed as a process of relating and evaluating. Applications of and related philosophy, methodology and research to the functioning of the class itself through various speech activities. The course encompasses the common core of communication behaviors relevant to the chief communication specialties.

**500-4 Survey of Classical Rhetoric.** Ancient rhetoricians and orators from Corax to Augustine, with special emphasis upon the works of Aristotle and Cicero. Lectures and special studies.

**501-10 NDEA Institute in Oral Language.** Provides the best possible responses in terms of staff practices and materials in order to prepare teachers to meet the oral language needs of all elementary school children.

**504-4 Medieval and Renaissance Rhetoric.** An examination of the trends in rhetorical theory between A.D. 100 and 1600 designed to facilitate understanding of the transition from classical to modern theory.

**505-4 Modern Rhetorical Theory.** An analysis of selected theories of public address from the seventeenth century to the present, with a view of discovering the methods and objectives of modern rhetoricians and relating them to society and its problems during the period.

**507-6 (3,3) Studies in Public Address.** The study of orators, oratory, issues and movements in terms of implications for rhetorical theory and current concepts of communication. Prerequisite: 407a,b.

**508-4 Seminar: Studies in Discussion.** Studies in group thinking and group action with a view to improving discussion and conference techniques.

**510-4 Seminar: Persuasion and Social Control.** Uses and applications of persuasion in the various fields of social activity. Mass media examined as they apply to politics, business, religion, and education.

**511-4 (2,2) Teaching the College Speech Course.** Problems, methods, and materials in the teaching of speech in college with primary emphasis on the basic course. Examination of textbooks, courses of study, curriculum making, measurement, and relationship to other fields.

**520-3 Philosophical Foundations of Speech.** A special course reviewing the philosophy of speech for graduate and advanced students. Designed to take advantage of the knowledge and background of distinguished visiting professors.

**522-4 to 12 Studies in Interpretation.** Historical perspectives, critical methods, contemporary social relationships, modern media experiments, chamber theatre, selected authors, or periods. Course may be repeated for a total of 12 hours. Prerequisite: 12 hours of interpretation or consent of instructor.

**523-3 Seminar: Problems in Interpretation.** An investigation of the more advanced problems in oral interpretation, such as creation of atmosphere, use of restraint, impersonation, and impressionism. Prerequisites: 18 hours in interpretation and theater and consent of instructor.

**524-6 (3,3) Problems in Rhetoric and Public Address.** Rhetorical theory and criticism of public address examined. Classical and contemporary theory and practice studied.

**525-4 Seminar: Speech Education.** Problems of philosophy and methods of teaching speech in the elementary and secondary schools. Prerequisite: 306 or consent of instructor.



**526-3 Seminar in Theater Arts.**

**527-3 The College Forensic Program.** Individual studies of the problems encountered in the organization and direction of the college forensic program.

**532-4 (2,2) Areas and Techniques of Research in Speech.** Study and analysis of outstanding works in the various areas of research. Lectures on research techniques and study possibilities in the field.

**540-4 Seminar: Experimental Communications Research.** Types of quantitative research and methods of observation and data collection most relevant to the study of human communication. Prerequisite: 428, 429, and two courses in statistics.

**542-4 Seminar in Non-quantitative Research Methods.** Survey and critical analysis of non-quantitative approaches to the study of communication, particularly relating to methods of observation, data collection, and interpretation. Emphasis on case and field studies. Prerequisite: 410.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Speech Pathology and Audiology

**400-1 to 4 Independent Study in Speech Pathology and Audiology.** Activities involved shall be investigative, creative, or clinical in character. Must be arranged in advance with instructor. May be repeated for as much as 6 hours of credit.

**405-12 (4,4,4) Practicum in Speech and Hearing Therapy.** Clinical and school procedures in speech correction and audiology. One hour of class per week, and 2 hours of clinical activity or work on clinically related projects for each hour of credit. (a) Emphasizes therapeutic procedures. (b) Emphasizes diagnostic techniques. (c) Emphasizes the utilization of forms and the preparation of reports. Need not be taken in sequence, but a,b or c cannot be repeated. Prerequisite: junior standing in department.

**406-4 Techniques and Interpretation of Hearing Tests.** (Same as Special Education 406.) Principles and techniques of testing the hearing and interpreting those tests in terms of the individual's needs. Prerequisite: 416 or consent of instructor.

**409-4 Research Techniques in Speech Science.** A presentation of the research techniques used in speech science with particular emphasis on equipment, experimental design, and study of significant research contributions to the field. Prerequisite: advanced standing or consent of instructor.

**412-4 Cerebral Palsy.** An investigation of the etiology, problems, and therapy of cerebral palsy. Prerequisites: 212, 414 or consent of instructor.

**414-4 Anatomy and Physiology of Speech and Hearing Mechanisms.** (See Physiology 414.)

**415-4 Aphasia.** An investigation of the etiology, problems, and therapy of aphasia. Prerequisite: 412, 414 or consent of instructor.

**416-4 Introduction to Audiology.** Provides the student with a basic orientation to the professional field of audiology, its history and its goals. Basic acoustics, the phylogeny, anatomy and physiology of the human ear, and significant pathologies of the ear are presented. Prerequisite: junior standing or consent of instructor.

**419-4 Communication Problems of the Deaf and Hard of Hearing.** (Same as Special Education 419.) Objectives and techniques for the teaching of lip reading, speech conservation, and auditory training. Prerequisite: 406 or consent of instructor.

**420-4 Advanced Clinical Audiometry.** Principles and procedures for advanced audiometric testing, advanced problems in bone conduction measurements, in evaluation of loudness recruitment, in topodiagnostic audiometry, and non-organic hearing loss are presented. Practical techniques include speech audiometry, Bekesy audiometry, conditioned pure tone electrodermal audiometry, and use of the Zwislocki Acoustic Bridge. Prerequisites: 416 and 406 or consent of instructor.

**428-4 Speech Correction for the Classroom Teacher.** (Same as Special Education 428.) Etiology and therapy of common speech defects. This course may be taken by all inservice teachers, seniors, and graduate students in education.

**515-1 to 4 Readings in Speech Pathology and Audiology.** Supervised and directed readings in specific areas of speech pathology.

**516-4 Seminar in Psychoacoustics.** Advanced study of the behavioral response of the human hearing mechanism to the various parameters of the acoustic stimulus; threshold sensitivity, loudness, pitch, localization, modulation, beats and masking. Prerequisites: 406, 416, 520.

**520-4 Seminar in Physiological Acoustics.** Advanced study of the physiological responses of the middle and inner ear to the acoustic stimulus. Theories of middle ear function and of cochlear function are presented in detail. Prerequisites: 416, 406.

**521-1 to 4 Seminar in Articulation and Delayed Speech.** Special problems of language development and articulation.

**522-4 to 16 (1 to 4 each) Seminar in Organic Speech Problems.** (a) Developmental anatomy and physiology. (b) Teratology, surgery, and dentistry. (c) Neuropathological bases. (d) Clinical management. Must be taken in a,b,c,d sequence or by consent of instructor. Prerequisite: graduate standing in department.

**524-4 Seminar in Language Disorders.** Examination of language disorders associated with childhood. Procedures for the evaluation of aberrant language development in clinical populations in contrast to the linguistic development of normal speakers. Includes study of current psycholinguistic research into factors affecting the acquisition of phonological, syntactical, and morphophonemic rules of English. Practicum in language diagnostics and therapeutics.

**528-4 Seminar in Experimental Audiology.** Basic psychophysical methods, basic operating principles of electronic equipment, and the use of laboratory sound-production and measurement equipment will be presented. Students will design and perform model psycho-acoustic experimentation. Prerequisites: 520 and 516, or consent of instructor.

**529-3 to 12 (1 to 4 each) Seminar in Stuttering Behavior.** (a) Emphasizes theoretical analysis, (b) emphasis on diagnostic techniques, (c) application of principles to therapy. Must be taken in a,b,c sequence or by consent of the instructor.

**530-1 to 4 Research Problems in Speech Pathology and Audiology.** Individual work upon selected problems for research.

**531-1 to 4 Seminar in Experimental Phonetics.** An investigation into the experimental approaches for the study of the phenomena of speech.

**533-1 to 4 Seminar in Speech Science.** Special problems in voice science and acoustic perception.

**534-1 to 4 Seminar in Instrumentation.** Familiarity with instruments, their uses, capabilities, and limitations, as they apply to the study of speech and hearing.

**536-1 to 4 Seminar in Administration of Speech and Hearing Programs.** A study of program settings, organizational procedures, and professional inter-relationships in adult speech and hearing therapy. Field trips to rehabilitation centers and related agencies.

**599-2 to 9 Thesis.**

**600-1 to 48 Dissertation.**

## **Technical and Industrial Education**

**419-8 to 16 Student Teaching in Technical Programs.** Experience in working with special and post-high school technical training programs in approved centers. The student teacher will follow the program of the supervisors of the primary specialization in both regular and extra-class activities. Prerequisite: 9 hours professional courses.

**420-8 (4,4) Enterprise: The Man-Machine System.** Classroom, laboratory, and library study of man-machine systems in a variety of industries and institutions, with emphasis on teaching children and youth to understand the world of work. For advanced students and experienced teachers. Must be taken in a,b sequence. Prerequisite: 20 hrs. in Technical and Industrial Education.

**421-4 Principles of Enterprise Teaching.** Problems and special methods of teaching in enterprise education programs. Prerequisite: 16 hours technical and industrial education courses.

**425-2 to 8 Practicum in Technology.** Experiences in the industrial applications



of technological knowledge. Cooperative arrangements with selected corporations and professional organizations provide opportunity to study technical problems in the industrial environment under the direction of specialists. Prerequisite: 12 hours in technical subjects.

**430-2 to 8 Special Problems in Industry and Technology.** Special opportunity for students to obtain assistance and guidance in the investigation and solution of selected technical problems. Prerequisite: consent of instructor.

**435-6 to 18 Manual Arts Internship.** Supervised hospital experience featuring various applications of manual arts therapeutical treatments. Prerequisite: consent of coordinator.

**450-1 to 12 (1 to 4 per quarter) Advanced Skills in Technical Subjects.** Modern industrial practices and techniques in various selected technical fields. For experienced persons seeking an opportunity to develop advanced techniques and to increase understanding in specialized industrial fields. Emphasis on modern industrial processes, methods, materials, and techniques used in school shops, drafting rooms, and industrial organizations. Prerequisite: basic training in area selected for study. Limited to certified teachers.

**480-3 Curriculum Development in Industrial Arts Education.** Selection, development, and analysis of new concepts in technology, man, and enterprise for use in the schools. New methodology and apparatus for teaching are developed. For advanced students and experienced teachers. Prerequisite: 20 hrs. in TIED.

**485-3 Principles and Philosophy of Vocational and Technical Education.** (Same as Agricultural Industries 485, Home Economics Education 485, Secondary Education 485, and Secretarial and Business Education 485.) Team teaching used. Gives an understanding of the nature and purposes of practical arts, vocational and technical education, their relationships and differences, and the place of each in preparing people for the world of work. Prerequisite: student teaching.

**488-3 Analysis for Occupational Education.** Fundamentals of analyzing occupations and careers for establishing units of instruction for occupational education courses. Required for occupational teachers, coordinators, and supervisors. Prerequisite: 12 hours in teaching specialty.

**489-3 Organization of Subject Matter.** Course and unit construction, preparation of materials for distribution to students, preparation of teacher-made tests, course evaluation and updating. Prerequisite: 488.

**490-3 Principles of Occupational Teaching.** Methods of teaching in occupational education programs. Required for occupational teachers, coordinators, and supervisors. Prerequisite: 12 hours in teaching specialty.

**493-3 Audio-Visual Media for Occupational Education.** Selection, development, analysis, and use of commercial and self-made software systems.

**500-8 (4,4) Legislation, Organization, and Administration of Occupational Education.** (a) Historical and contemporary thought and practice re federal and state legislation for occupational education in sundry institutions. Legislators are used as resource persons. Required for supervisors. (b) Policies governing the organization and administration of programs in states and local agencies. Students write a proposal for a new program. Must be taken in a,b sequence.

**502-6 (3,3) Measurements and Evaluations of Products and Procedures.** Criteria and instrument development, testing techniques, and appraisals. Special emphasis given to the principles and methods of evaluation of progress in laboratory and shop subjects of a practical arts nature. Experience in development and construction of pertinent and effective evaluative devices. Prerequisite: one course in tests and measurement.

**505-4 Administration and Supervision of Occupational Education.** Principles, practices, and techniques relating to supervising and administering local programs. Required for vocational coordinators and supervisors.

**506-4 Cooperative Programs.** Problems and procedures involved in setting up and operating cooperative work-study programs. Required for vocational coordinators.

**510-4 Planning Occupational Education Facilities.** Principles and practices of planning classrooms and laboratories for occupational education programs. How to work with administrators, staff, and paid professionals to assure judicious location and design of facilities.

**525-4 Cooperative Vocational-Technical Education.** (Same as Agricultural Education 525, Home Economics Education 525, and Secretarial and Business

Education 525.) Team teaching used. Interrelated cooperative programs as they are developed in America, and especially Illinois, are presented. Coordinators' duties and responsibilities along with the operation of interrelated vocational cooperative programs are featured. Prerequisite: student teaching.

**540-4 Research in Occupational Education.** Basic research methods and techniques in the design, investigation, and reporting of research studies relating to occupational education.

**541-4 Occupational Information and Guidance.** Designed for school counselors, industrial supervisors, and teachers to give them orientation to and experience with occupational information and vocational adjustment.

**550-4 College Teaching of Occupational Education.** Problems of college students and their adjustments to occupational subject matter. Organization and utilization of laboratories and instructional systems. Professional contributions of college teachers.

**560-2 to 12 (2 to 8 per quarter).** New Developments in Occupational Education. Recent developments and trends in occupational education, presented by recognized authorities for discussion and review.

**570-2 to 6 Special Investigations.** (Same as Applied Science 570.)

**580-1 to 9 Seminar.** (Same as Applied Science 580.)

**599-1 to 9. Thesis.**

## Theater

**400-0 Theater Problems.** Group discussion of current problems, productions, and developments in the University theater. Includes lectures, symposiums, production critiques. One hour weekly non-credit course required for 6 quarters for all majors, and for 3 quarters for all theater graduate students.

**401-4 Creative Dramatics.** (See Speech 401.)

**402-8 (4,4) Play Directing.** (a) The principles and procedures of play direction including play selection, interpretation, and the patterning of auditory and visual stimuli. (b) Continuation of 402a emphasizing rehearsal procedures, control of tempo and mood, styles of presentation and performance, and other techniques in the direction of plays.

**403-4 Aesthetics of the Drama and the Theater.** Principles and practice of modern dramatic production in the light of modern aesthetic theory. A course attempting to formulate an aesthetic judgment of the theater.

**404-4 Theater Management.** Theater operational procedure, including both fundamental structuring and house management. The former aspect includes administration, purchasing, and accounting practices, ticket sales, publicity, promotion, and public relations. The latter covers the management of box-office and ushering.

**405-8 (4,4) The Scenic Imagination.** (a) A study of the purely creative side of stage production. It includes an analysis of the script and its meaning for an audience; a poetic evaluation of the setting, costumes, and lighting; and the blocking out of the stage action. (b) Theater research and documentation; an approach to sketches and models; a review of the historic forms of staging, with emphasis on the modern styles from naturalism to epic theater.

**406-1 American Professional Theater Procedures and Practices.** An introduction to the everyday realities of a professional stage career, including problems of survival, professional ethics and protocol, personal relations, and the function of stage unions.

**409-4 High School Theater and Its Production Problems.** Consideration of stages, machinery, equipment, light controls and instruments, production techniques, and analysis of basic needs of high school theater.

**410-3 Children's Theater.** Creative dramatics; dramatization of children's literature; play production for elementary schools. Recommended for education concentrations.

**411-4 Playwriting.** The writing of a full-length play, a children's play, or a historical pageant-drama forms the basis of the course. Students may elect to write two one-act plays. Individual conferences supplement the class discussion and analysis of student writing. Prerequisite for graduate students: consent of instructor.

**412-4 Stage Design.** The design of settings for the stage and other dramatic media. Prerequisite: 207.

**414-4 Costume Design.** History of western costume from Greek to Renais-



sance and its adaptation to stage use. Theory and principles of theatrical costuming. Application of principles of design and color. Designs for single scenes.

**415-4 Costume Design.** History of costume, Renaissance through 19th Century. Style, fantasy, and the comic in costume design. Principles of dramatic theory and criticism as applied to costume design. Evaluation of research tools. Methods and procedures in designing costumes for a complete show. Prerequisite: 414.

**416-4 Current Theories and Practices in the Teaching of Dance.** (See Physical Education 416.)

**417-4 Advanced Acting.** Lectures, readings, and practical application dealing with advanced studies of characterizations and acting styles on an individual basis. Prerequisite: 217, 317.

**432-4 Stage Lighting.** Instruments and control equipment; principles and techniques of lighting dramatic productions.

**438-4 Contemporary Developments in the Theater.** Critical study of theory and practice in acting, directing, production, and architecture in the modern theater. The rise and development of the film, radio, and television as dramatic media.

**502-4 Advanced Directing.** Study of and practice in the techniques of directing period plays, verse plays, music dramas, arena productions and other types and styles of plays presenting special directing problems.

**503-12 (4,4,4) Advanced Technical Problems.** Solutions of problems presented by certain types of plays and modes of production. (a) Scene design. (b) Stage lighting and sound. (c) Costume design. Prerequisite: consent of department.

**504-4 The Comic Theater.** A study of comedic theory as applied to major types of dramatic composition. Dramatic theories of comedy from Aristotle to Freud are explored. Individual reports.

**505-4 The Tragic Theater.** An examination of tragic drama and criticism as related to the societies which produced such drama. Particular emphasis is placed upon the Athenian, Elizabethan and modern theater.

**506-4 The American Theater.** The study of the development of the drama and the theater in the United States from colonial times to the present. Prerequisite: 313 or its equivalent.

**509-4 The High School Theater and its Production Problems.** Consideration of stages, machinery, equipment, light controls and instruments, production techniques, and analysis of basic needs of high school theater.

**518-4 Theater Audience.** A course attempting to determine (1) the relations between the drama, *mise-en-scene*, and theater audience; and (2) the psychological nature of the spectator's experience in the theater.

**519-1 to 12 Theater Practicum.** Practical experience in acting, directing, and associated work on campus, on area tours, and in summer stock.

**526-3 to 12 Seminar in Theater Arts.** Special problems of interest to advanced students. Subject is determined by the instructor. Seminar in same subject cannot be repeated. Prerequisite: consent of department.

**530-1 to 4 Research Problems in Theater.** Individual work upon selected problems for research.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Zoology

**402-4 Natural History of Invertebrate.** Observation, identification, and life histories. Designed for teachers. Not for students specializing in invertebrate zoology. Prerequisite: 317a.

**403-4 Natural History of Vertebrate Animals.** Observation, identification, and life histories. Designed for teachers. Not for students specializing in vertebrate zoology. Prerequisite: 317b.

**404-2 to 8 Zoology Field Studies.** A trip of four to eight weeks to acquaint students with animals in various environments and/or with methods of field study, collection, and preservation. Cost per individual will be approximately \$25 per week. (Only 4 hours may be used for credit.) Prerequisite: consent of department.

**406-4 Protozoology.** Taxonomy, cytology, reproduction, and physiology of unicellular animals including methods of culturing. Prerequisite: 317a.

- 407-5 Parasitology.** Principles, collection, identification, morphology, life histories, and control measures. Prerequisite: 317a.
- 408-4 Herpetology.** Taxonomic groups, identification, and natural history of amphibians and reptiles. Prerequisite: 317a.
- 409-5 Histology.** Microscopic structure of organs and tissues with emphasis on mammalian forms. Prerequisite: 15 hours biological science.
- 410-5 Vertebrate Paleontology.** History of vertebrate animals in terms of their morphological change, geological succession, and ecological relationships. Prerequisite: 318a or Geology 301.
- 413-10 The Lower and Higher Invertebrates.** (a) Structure, phylogeny, and natural history of the lower invertebrates, through lophophorates. (b) Structure, phylogeny, and natural history of the higher invertebrates, protostomes, deuterostomes. Taken in a,b sequence. Prerequisite: 317.
- 414-4 Fresh-Water Invertebrates.** Taxonomic groups, identification, and natural history of the regional fauna. Prerequisites: 317a.
- 415-4 Limnology.** Lakes and other inland waters, the organisms living in them, and factors affecting these organisms. Prerequisite: 317a.
- 425-4 (2,2) Genetic Methods.** Experimental methods in applying basic principles of genetics. (a) Monogenic and digenic inheritance, sex-linkage, gene interaction, linkage, and chromosome mapping. (b) Mutation, artificial and natural selection, gene frequencies, and genetic drift. Four hours laboratory per week. Must be taken in a,b sequence. Prerequisite: Biology 305.
- 426-4 Comparative Endocrinology.** Comparison of mechanisms influencing hormone release, hormone biosynthesis, and the effects of hormones on target tissues. Includes ablation and histology of glands, and chemical and bioassays with vertebrates and invertebrates. Prerequisite: Biology 308 and consent of instructor.
- 430-8 (4,4) Biological Statistics.** (a) Examination of distributions, the parametric statistics and simple regression theory. (b) Examination of experimental design, the analysis of variance, and the analysis of covariance. Prerequisite: consent of instructor.
- 441-4 Emergence of Order in Biological Systems.** From molecular to the gross morphological level: cybernetic, systemic, thermodynamic, and evolutionary aspects. Prerequisite: 300 and one course in cellular physiology or consent of instructor.
- 459-4 Game Birds.** Identification, life history, ecology, and management. Cost of field trips up to \$15 per student. Prerequisite: 317a or consent of instructor.
- 461-4 Mammalogy.** Taxonomic groups, identification, and natural history of mammals. Prerequisite: 317b.
- 463-4 Wildlife Management.** The principles and varied techniques of managing wildlife resources. Cost of field trips up to \$15 per student. Prerequisite: 15 hours of biological science or consent of instructor.
- 465-4 Ichthyology.** Taxonomic groups, identification, and natural history of fishes. Prerequisite: 317b.
- 466-4 Fish Management.** Sampling, dynamics, and manipulation of fish populations, age and growth of fishes, and habitat improvement. Prerequisites: one year of biological science, consent of instructor.
- 467-4 Ornithology.** Classification and recognition of birds and the study of their songs, nests, migratory habits, and other behavior. Cost of field trips is \$5 to \$10 per student. Two lectures and 4 laboratory hours per week. Prerequisite: 317b.
- 471-4 Entomology.** Structure, classification, and life histories of insects. Two lectures and 4 laboratory hours per week. Prerequisite: 317a.
- 479-4 Animal Behavior.** (Same as Animal Industries 479 and Psychology 479.) The biological basis for the actions and responses of animals. Prerequisite: GSA 301, or 302, or equivalent.
- 508-4 Helminthology.** Identification, structure, physiology, and life history of parasitic worms. Prerequisite: consent of instructor.
- 512-3 Animal Geography.** Principles of the distribution of the animals of the world. Prerequisite: consent of instructor.
- 514-4 Advanced Entomology.** Morphology, physiology, systematics, and distribution of insects. Prerequisite: 471.
- 520-5 Advanced Invertebrates.** The nature and life of invertebrate animals with emphasis on comparative form, function, behavior, and occurrence. Prerequisite: consent of instructor.



**521-4 Advanced Limnology.** The physical, chemical, and biological factors affecting organisms in streams. Emphasis on the effects of pollution. Prerequisite: 415 and consent of instructor.

**525-5 Cytology.** (Same as Botany 525.) Microscopic study of protoplasm, including mitosis and meiosis; discussions of cytological behavior. Prerequisite: consent of instructor.

**540-3 Factors in Animal Reproduction.** Genetic and physiological factors in determination, differentiation, and modification of sex in animals. Prerequisite: consent of instructor.

**542-3 Osteology.** Modification of the vertebrate skeleton as a result of growth, functional adaptation, and phylogenetic relationship. Prerequisite: consent of instructor.

**561-4 Game Mammals.** Natural history and management. Prerequisite: consent of instructor.

**566-4 Fish Culture.** Production of game, food, and bait fishes. Design of facilities, chemical and biological variables, spawning techniques, diseases and nutrition. Prerequisite: consent of instructor.

**573-4 Physiological Ecology.** Physiologic and morphologic adaptations and homeokinetic mechanisms in the ecology of organisms. Prerequisite: Biology 307 or equivalent and consent of instructor.

**577-3 Population Ecology.** Principles of population dynamics as related to animals. Prerequisite: consent of instructor.

**578-4 Population Genetics.** Genetic structure of populations, factors causing changes, and principles governing rate and direction of change. Prerequisite: consent of instructor.

**579-4 Animal Behavior.** (Same as Psychology 579.) The biological basis for the actions and responses of animals. Prerequisite: consent of instructor.

**580-4 Advanced Systematics.** The implication of systematics, including the theory and dynamics of classification, speciation, population genetics, and evolution. Prerequisite: consent of instructor.

**581-3 Readings in Current Zoological Literature.** Prerequisite: graduate status in a biological science.

**582-6 (1,1,1,1,1) Graduate Zoology Seminar.** Special topics in zoology. Consult department for each term's topic.

**583-3 (1,1,1) The Teaching of Zoology in College.** Methods, practices, and objectives in teaching zoology. Designed as part of the apprenticeship program for preparation of college teachers. Prerequisite: graduate status in a biological science.

**585-9 to 27 (Each Section 1 to 3) Seminar.** (a) Seminar in animal behavior. (b) Seminar in developmental biology. (c) Seminar in ecosystems. (d) Seminar in wetland ecology. (e) Seminar in wildlife ecology. (f) Seminar in ornithology. (g) Seminar in parasitology. (h) Seminar in amphibia. (i) Invertebrate Zoology. Prerequisite: consent of instructor.

**596-2 to 12 Special Research.** Investigations in zoology other than those for theses. Only 3 hours may be credited toward a degree. Prerequisite: consent of instructor.

**599-2 to 9 Research and Thesis.** For master's degree.

**600-3 to 48 Research and Dissertation.** For Doctor of Philosophy degree.



# 4 / Faculty

Graduate instruction at Southern Illinois University is the responsibility of the faculty. Although the Graduate Faculty is not organized into departments, its members are normally affiliated with specific disciplines.

Preceding the Graduate Faculty is a list of faculty members elected to the Graduate Council for the year 1971-1972.

## The Graduate Council

Ian Beattie, Assistant Professor  
David Christensen, Professor  
John Cody, Professor  
Milton Edelman, Professor  
David Ehrenfreund, Professor  
Neal Foland, Associate Professor  
Dominick Graziano, Graduate Student  
Elbert Hadley, Professor  
Charles Hindersman, Professor  
John Holmes, Graduate Student  
Marvin Johnson, Professor  
Lonnie Johns, Graduate Student  
Harold Kaplan, Professor  
Ronald Knowlton, Associate Professor  
Frank Konishi, Professor  
Keith Leasure, Professor  
Lawrence Matten, Associate Professor  
Christian Moe, Professor  
Robert Mueller, Professor  
Thomas Pace, Speech  
Lon Shelby, Associate Professor  
Richard Thomas, Associate Professor  
Comer Ward, Graduate Student  
Howard Webb, Professor

## College of Liberal Arts and Sciences

### *Anthropology*

*Professors* Philip J. C. Dark, J. Charles Kelley, Charles H. Lange (*Chairman*), Robert L. Rands, Carroll L. Riley, Walter W. Taylor  
*Associate Professors* Milton Altschuler, Jerome S. Handler, Bruce B. MacLachlan  
*Assistant Professors* J. Larry Grimes, D. Lee Guemple, Ester G. Maring, Joel Maring, Roy Wagner, Jon D. Muller

### *Botany*

*Professors* William C. Ashby, Robert H. Mohlenbrock (*Chairman*), L. V. Olah, Jacob Verduin, John W. Voigt  
*Associate Professors* Margaret Kaeiser, Lawrence Matten, Oval Meyers, Jr., Aristotel Pappelis, Walter E. Schmid  
*Assistant Professors* Donald R. Tindall, Donald Ugent, John Yopp

### *Chemistry*

*Professors* Richard T. Arnold (*Chairman*), Roger E. Beyler, James BeMiller,

George E. Brown, Elbert H. Hadley, Cal Y. Meyers, Boris Musulin, Charles D. Schmulbach, Russell F. Trimble, Kenneth Van Lente, John Wotiz  
*Associate Professors* D. Wayne Bolen, Albert L. Caskey, Herbert Hadler, J. Herbert Hall, Wilbur N. Moulton, Donald W. Slocum, Gerard V. Smith, Michael T. Sung  
*Assistant Professors* James Cox, Michael R. Emptage, William E. Geiger, H. F. Gibbard, Conrad Hinckley, D. F. Koster, James Tyrell

### *Computer Science*

*Professor* Abraham Mark (*Chairman*)  
*Assistant Professors* Kenneth Danhof, Ratan Guha  
*Lecturer* Knut Bahr

### *English*

*Research Professor* Harry T. Moore  
*Professors* James Benziger, William H. Evans, Joseph Friend, John Gardner, Sidney P. Moss, Henry Dan Piper, Howard Schultz, William E. Simeone, E. Earle Stibitz, Charles D. Tenney, David Vieth, Howard W. Webb, Jr. (*Chairman*), Georgia G. Winn  
*Associate Professors* Ted R. Boyle, Alan Cohn, Edmund Epstein, Robert Griffin, Mark Hillegas, John Howell, Paul Hurley, Richard Lawson, Paul H. Morrill, Robert B. Partlow, Raymond S. Rainbow, Manuel Schonhorn  
*Assistant Professors* Bruce Appleby, William J. Brown, Winifred Burns, George Camp, Herbert Donow, George Goodin, Thomas Hatton, David Kuernes, Byron Raizis, Hans Rudnick

---

*Visiting Professor* T. W. Baldwin

### *Foreign Languages*

*Professors* A. W. Bork, J. Cary Davis, Hellmut A. Hartwig (*Chairman*), Joseph Kupceck  
*Associate Professors* Vernon L. Anderson, Howard French, David Gobert, James Kilker, Helmut Liedloff, Michael Rowland, Madeleine Smith, Hensley C. Woodbridge  
*Assistant Professors* Maurice O'Meara, Guenter Pfister

---

*Visiting Professor* Jenaro Artiles

### *Geography*

*Professors* Ronald I. Beazley, Douglas Carter, David Christensen, Campbell W. Pennington, Frank W. Thomas (*Chairman*)  
*Associate Professors* David L. Jones, Theodore H. Schmulde, David M. Smith  
*Assistant Professors* Sam Hilliard, Daniel Irwin, Charles Lobb, David Sharpe

### *Geology*

*Professor* Stanley E. Harris, Russell Dutcher (*Chairman*)  
*Associate Professors* Jen-Ho Fang, William C. Hood, John E. Utgaard  
*Assistant Professors* Frank Bell, Arthur Cohen, Richard Davis, Frank Etheridge, George Frauenfelder, Don L. Sawatzky

### *Government*

*Professors* Abdul Majid Abbass, Orville Alexander, Ikua Chou, Jack F. Isakoff, Horace B. Jacobini, David Kenney, Frank L. Klingberg, Robert McGrath, Ward M. Morton, Randall H. Nelson (*Chairman*), Max W. Turner  
*Associate Professors* John H. Baker, William Garner, Charles T. Goodsell, Earl Hanson, William S. Hardenbergh, Manfred Landecker, Marian Ridgeway, Max Sappenfield, Stephen L. Wasby  
*Assistant Professors* Richard Dale, Robert Dreher, David Everson, Egon K. Kamarasy, Samuel Long, Norman R. Luttbeg, Milton Morris, Joann Paine, Leland G. Stauber, Jack R. Vander Slik

---

*Visiting Professor* Wesley Fischel



### History

*Research Professor* C. Harvey Gardiner

*Professors* George W. Adams, Harry Ammon, George L. Cherry, Betty Fladeland, Ping-Chia Kuo (*Chairman*)

*Associate Professors* Howard Allen, H. Arnold Barton, John Clifford, David E. Conrad, Donald Detwiler, Robert Gold, Lon R. Shelby, John Y. Simon, Henry S. Vyverberg

*Assistant Professors* Michel Batinski, Charles W. Berberich, Donald L. Brehm, M. Browning Carrott, John E. Dotson, Gossie H. Hudson, Harold A. McFarlin, James B. Murphy, Edward O'Day, Eugene P. Trani, David P. Werlich, Stanley Zucker

### Linguistics

*Professor* Nguyen-Dinh Hoa

*Associate Professors* Glen C. Gilbert, Charles Parish (*Chairman*), James E. Redden

*Assistant Professors* Patricia Carrell, Aristotle Katranides

### Mathematics

*Professors* Nicolas Artemiadis, Lauwerens Kuipers, Carl E. Langenhop (*Acting Chairman*), Charles N. Maxwell, Wilbur C. McDaniel, John M. H. Olmsted

*Associate Professors* Ward D. Bouwsma, Herman Biesterfeldt, Theodore Burton, Neal E. Foland, Leslie D. Gates, Robert A. Moore, Michael Skalsky, Herbert H. Snyder, Thomas H. Starks, Joseph C. Wilson

*Assistant Professors* Alphonso Baartmans, Ramendra K. Bhattacharya, James Crenshaw, Kenneth Danhof, Robert Dressler, Ronald Grimmer, John Hooker, Worthen Hunsaker, Ronald Kirk, Charles R. Koch, Harald Niederreiter, Thomas B. Paine, Franklin D. Pedersen, Katherine L. Pedersen, Nicholas Phillips, Michael G. Poole, Norman F. Robinson, Jonathan Seldin, Robert Shock, Carl G. Townsend, Chi Song Wong

### Microbiology

*Professors* Carl C. Lindegren (*Emeritus*), Dan O. McLary, Maurice Ogur (*Chairman*), Hassan Rouhandeh, Isaac L. Schechmeister

*Associate Professor* Richard Gilmore

### Molecular Science

*Professors* J. L. Amoros, J. W. Chen, R. J. Haas, \* J. H. Lauchner, A. M. Mark, L. C. Marshall, \* C. Y. Meyers, B. Musulin, \* W. Orthwein, A. W. Richardson, R. E. Watson, J. R. Zimmerman \* *Administrator*

*Associate Professors* M. L. Canut-Amoros, P. K. Davis, T. T. Dunagan, \* J. H. Fang, \* M. Foglio, H. I. Hadler, W. C. Henneberger, H. H. Nickle, A. J. Pappelis, S. Sam'I, M. K. Saporoschenko, R. G. Schlecht, G. V. Smith, H. H. Snyder, \* J. E. Utgaard, R. N. Zitter

*Assistant Professors* B. W. Benson, B. L. Beers, S. K. Bose, J. C. Carrell, C. C. Chang-Fang, J. D. Cutnell, R. W. Davis, V. K. Feiste, R. Gilmore, C. C. Hinkley, K. W. Johnson, R. E. Johnson, E. F. Pearson, F. C. Sanders, D. L. Sawatzky, J. G. Smith, J. J. Sullivan, J. Tyrrell

### Philosophy

*Research Professor* Lewis E. Hahn

*Professors* S. Morris Eames, John Hayward, Wayne A. R. Leys, William McKeefery, William McKenzie, Willis Moore (*Chairman*), George Kimball Plochmann, Charles D. Tenney

*Associate Professors* James A. Diefenbeck, Elizabeth R. Eames, Shu-Hsien Liu, George T. McClure

*Assistant Professors* David S. Clarke, Jr., Garth Gillan, Richard Howard, John Howie, Matthew J. Kelley

*Visiting Professors* Milton McLean, Paul Schilpp

\* Members of the Molecular Science Executive Committee

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*Professors* Martin J. Arvin, L. C. Marshall, William E. Nickell, Richard E. Watson, Otis B. Young (*Emeritus*), John R. Zimmerman (*Chairman*)  
*Associate Professors* Mario E. Foglio, Walter C. Henneberger, Harry H. Nickle, Mykola Saporoschenko, Richard G. Schlecht, Robert N. Zitter  
*Assistant Professors* Brian Beers, Brent W. Benson, Subir K. Bose, J. Craig Carrell, C. C. Chang-Fang, John D. Cutnell, Robert E. Johnson, Kenneth Johnson, Edwin F. Pearson, Frank C. Sanders, John J. Sullivan

*Physiology*

*Professors* Florence Foote, George H. Gass, Harold Kaplan (*Chairman*), Alfred W. Richardson  
*Associate Professors* Tom T. Dunagan, Donald M. Miller

*Psychology*

*Professors* Neil A. Carrier, David Ehrenfreund (*Chairman*), Alfred Lit, Donald J. Shoemaker, Janet Rafferty, William C. Westberg  
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*Assistant Professors* William Anthony, L. DeMoyne Bekker, Stanley Brodsky, Terence Buck, Michael Hniatow, Jr., Don Irwin, Steven McNeel, Thomas Mitchell, James P. O'Donnell, Thomas Purcell, Richard C. Raynard, Ronald Schmeck, John F. Snyder, John Somerville

*Sociology*

*Professors* Thomas G. Eynon, Elmer Johnson, Herman R. Lantz, Peter A. Munch, Charles R. Snyder (*Chairman*)  
*Associate Professors* Ernest K. Alix, Melvin S. Brooks, Frank C. Nall  
*Assistant Professors* George M. Camp, Joe C. Eades, Jerry Gaston, Harry Gold, Roland Hawkes, Norris C. Larsen, Thomas Martin, Robert D. Russell, Donald Voth

*Zoology*

*Professors* Richard E. Blackwelder, Harvey I. Fisher (*Chairman*), Edwin C. Galbreath, Hermann J. Haas, Willard D. Klimstra, William M. Lewis  
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George Bracewell	Jack Graham	William H. Ridinger
A. Frank Bridges	Deward K. Grissom	Donald W. Robinson
Oliver Caldwell	James Herrick Hall	Edward B. Sasse
Arthur Casebeer	John Hawley	Dean Stuck
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John P. Casey	Ronald Knowlton	Fred A. Sloan
L. Ralph Casey	J. Murray Lee	Ronald Stadt
Doris Dale	John R. LeFevre	Clarence Stephens
Elleva J. Davidson	Dorma Lee Lindburgh	John Stotlar
Dorothy R. Davies	Willis Malone	Loren E. Taylor
Raymond DeJarnett	Glenn Martin	JoAnne Thorpe
Billy Dixon	William Matthias	J. R. Verduin, Jr.
Miriam C. Dusenberry	Ralph McCoy	James Wilkinson
Troy W. Edwards	John D. Mees	Helen M. Zimmerman

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Glenn Bracht	Lee M. Joiner	Wyatt Stephens
Richard Bradley	Francis J. Kelly	Marjorie Stull
Robert Campbell	Jefferson Lindsey	Beth Sulzer
John J. Cody	Keith McNeil	Louis Vieceli
James M. Crowner	Clinton Meek	Paul Wendt
William C. Daly	David T. Miles	Charlotte West
John Deichmann	John T. Mouw	Reed Williams
Harold DeWeese	Aileen Parker	J. W. Yates
Kathleen G. Fletcher	Dan S. Rainey	

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*Assistant Professors* Lawrence Dennis, Dale E. Kaiser, Edward B. Sasse,  
 Dean Stuck, Sam Vinocur, Herbert W. Wohlwend

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*Associate Professors* Luther Bradfield, Ernest Brod, Miriam Dusenbery, Daniel T. Fishco  
*Assistant Professors* Ian Beattie, Harold Hungerford, Dormalee Lindberg, William Matthias, Donald Paige

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*Associate Professors* Bruce R. Amble, Donald Beggs, William Daly, Harold DeWeese, Keith McNeil, Clinton R. Meek  
*Assistant Professors* Michael Altekruze, Brian Austin, Gerald Blumenfeld, Glenn Bracht, Richard Bradley, Steven Danish, John Deichman, Patricia Ellmore, John Evans, Robert Graff, Jack H. Hiller, Alan Lange, David Miles, John Mouw, Alice Rector, Beth Sulzer, Thomas Tyler



### *Health Education*

*Professors* Donald N. Boydston (*Acting Chairman*), Deward Grissom, Charles E. Richardson, Andrew T. Vaughan  
*Associate Professors* James Aaron, Frank Bridges, Robert D. Russell  
*Assistant Professors* Eileen Harris, Raymond J. Vincent

### *Higher Education*

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*Associate Professors* Arthur Casebeer, Malvin E. Moore, Jr., Donald J. Tolle  
*Assistant Professors* Harry Jacobson, Elwyn Zimmerman

### *Instructional Materials*

*Professors* Ralph E. McCoy, Paul Wendt  
*Associate Professors* William J. Becker, Gordon K. Butts (*Acting Chairman*), Donald A. Ingli, Frederick Jergemeyer, Irving Spigle  
*Assistant Professors* Ruth Bauner, Doris Dale, Kathleen G. Fletcher, Donald Winsor

### *Physical Education for Men*

*Professors* Edward J. Shea (*Chairman*)  
*Associate Professors* Ronald G. Knowlton, Morris G. Martin  
*Assistant Professors* Peter Carroll, C. C. Franklin, Larry Good, John Stotlar, James J. Wilkinson

### *Physical Education for Women*

*Professors* Dorothy Davies (*Chairman*), Helen Zimmerman  
*Associate Professors* Marjorie Bond Potter, JoAnne Thorpe  
*Assistant Professors* Elleva Davidson, Charlotte West

### *Recreation*

*Associate Professors* William H. Freeberg, William H. Ridinger (*Chairman*), Loren Taylor  
*Assistant Professor* William E. O'Brien

### *Secondary Education*

*Professors* Melvin O. Alston, Claude J. Dykhouse, Troy W. Edwards, Daryle E. Keefer, John D. Mees, Peter F. Oliva (*Chairman*), Clarence W. Stephens  
*Associate Professors* Joann Boydston, Robert L. Buser, Miriam C. Dusenbery, Daniel Fisco, Ross J. Fligor  
*Assistant Professors* Frank Adams, Arthur L. Aikman, Raymond DeJarnett, Harry Miller

### *Special Education*

*Professor* James M. Crouner (*Chairman*), Kristen Juul  
*Associate Professors* Lee Joiner, B. Elizabeth McKay, Howard Morgan, Wyatt Stephens  
*Assistant Professor* Marjorie Stull  
*Instructor* Dan Rainey

## **School of Agriculture**

### *Agricultural Industries*

*Professors* William McD. Herr, Wendell Keepper, Walter J. Wills (*Chairman*)  
*Associate Professors* Ralph A. Benton, J. J. Paterson, Lyle Salverson, Eugene S. Wood  
*Assistant Professors* Theodore Buila, Gordon Honegger, Gordon Langford, Donald Lybecker, Thomas Stitt



### *Animal Industries*

*Professors* Scott W. Hinners, G. B. Marion (*Chairman*), Howard H. Olson, Alex Reed  
*Associate Professors* Billy L. Goodman, W. G. Kammlade, Jr., Gilbert Kroening, Howard W. Miller  
*Assistant Professors* Carl L. Hausler, Daniel Lee, Louis E. Strack, George H. Waring

### *Forestry*

*Professors* John W. Andresen (*Chairman*), Paul A. Yambert  
*Associate Professors* Margaret Kaeiser, Dwight R. McCurdy, Ali A. Moslemi  
*Assistant Professors* Carl A. Budelsky, Kung H. Fan, Raymond S. Ferell, James S. Fralish, Daniel B. Houston, Paul L. Roth  
*Lecturer—Assistant Professor* Edilerto Z. Cajucom  
*Instructor* Raymond M. Mischon

*Adjunct Professors* A. G. Chapman, Eugene F. Landt  
*Adjunct Associate Professors* Robert Phares, Loyal A. Mehrhoff  
*Adjunct Assistant Professors* Calvin F. Bey, John K. Brownell, Ronald D. Lindmark, Craig Kendall Losche, Peter Yuen San Chen, Richard D. Schlesinger  
*Adjunct Instructor* David Funk, Richard J. Johnson

### *Plant Industries*

*Professors* Ronald Blake, A. B. Caster, John K. Leasure (*Chairman*), James B. Mowry, Herbert L. Portz, Joseph P. Vavra  
*Associate Professors* Gerald D. Coorts, Irvin G. Hillyer, Joe H. Jones, Oval Myers, Jr., Donald P. Satchell, Lowell R. Tucker, James A. Tweedy  
*Assistant Professors* Donald M. Elkins, Donald J. Stucky  
*Instructor* George Kapusta

*Adjunct Professors* Roland C. Blake, J. W. Hull, Stanley Nemec  
*Farm Superintendent* George Kapustra

## **School of Business**

### *Accounting*

*Professors* Clifford Burger, Edward J. Schmidlein, Ralph D. Swick  
*Associate Professors* Mary N. Barron, Charles Woelfel, Roland Wright (*Chairman*)  
*Assistant Professors* Douglas Ericksen, Shivish Seth, Marvin Tucker  
*Visiting Professor* Douglas Garbutt

### *Economics*

*Professors* Albert N. Y. Badre, John Cornwell, Milton T. Edelman, George H. Hand, C. Addison Hickman, Robert G. Layer, Thomas A. Martinsek, G. Carl Wiegand  
*Associate Professors* Robert J. Ellis, Vernon G. Morrison, Milton R. Russell, Charles Stalon (*Acting Chairman*)  
*Assistant Professors* Donald R. Adams, Douglas Bohi, Eric Brucker, Byron M. Bunger, Richard F. Fryman, Jerome J. Hollenhorst, L. Emil Kreider, Andrew J. Petro

### *Finance*

*Professor* Donald Vaughn  
*Associate Professor* Edward L. Winn, Jr. (*Acting Chairman*)  
*Assistant Professors* Hussein Elsaid, Roger Potter, Ronald Sprecher, Gola Waters

### *Management*

*Professors* Henry Rehn, Robert Schellenberger (*Chairman*)  
*Associate Professors* John Fohr, James G. Hunt, Dan Laughhunn  
*Assistant Professors* Ralph Bedwell, Ronald Bishop, Thomas Hollingsworth,  
 William Vicars

### *Marketing*

*Professors* R. Clifton Andersen (*Chairman*), William Dommermuth, Robert S. Hancock, Charles H. Hindersman  
*Associate Professors* Kendall Adams, John Lowry, Donald Perry, Andrew Powell

### *Secretarial and Business Education*

*Professors* Harry B. Bauernfeind, Harves C. Rahe (*Chairman*)  
*Assistant Professor* Van BuBoltz

## **School of Communications and Fine Arts**

### *Journalism*

*Professors* Godwin Chu, James L. C. Ford, Jim A. Hart, H. R. Long (*Chairman*), Ralph McCoy, Bryce Rucker  
*Associate Professors* George C. Brown, Gerald Grotta, William M. Rice, C. Norman Van Tubergen  
*Assistant Professors* Erwin Atwood, C. Richard Gruny, Marvin Rimerman, Kenneth Starck

### *Speech*

*Professors* Earl E. Bradley, Dorothy C. Higginbotham, Ralph Micken (*Chairman*), David Potter, C. Horton Talley  
*Associate Professors* Lester R. Breniman, Cameron W. Garbutt, R. Paul Hibbs, Marion L. Kleinau, Thomas J. Pace, William D. Smith  
*Assistant Professors* Keith R. Sanders, Russell Jennings

*Visiting Professor* A. Craig Baird

### *Speech Pathology and Audiology*

*Professors* John O. Anderson, I. P. Brackett (*Chairman*), Eugen J. Brutten, Michael Hoshiko, Herbert Koepp-Baker  
*Associate Professor* Alfred B. Copeland  
*Assistant Professors* William McFarland, Sue Ann Pace

*Visiting Professors* William Kozlenko, Herbert Marshall

### *Theater*

*Research Professor* Mordecai Gorelik  
*Professors* Archibald McLeod (*Chairman*), Christian H. Moe  
*Associate Professor* Charles W. Zoehler  
*Assistant Professors* W. Grant Gray, Eelin Harrison, Darwin Payne

### *Art*

*Professors* Herbert L. Fink (*Chairman*), Milton Sullivan, Nicholas Vergette  
*Associate Professor* Brent Kington  
*Assistant Professors* Roy Abrahamson, Larry Bernstein, William Boysen, Robert Paulson, Ruth Place, Thomas Walsh

### *Music*

*Research Professor* Marjorie Lawrence  
*Professors* Steven Barwick, Fred Denker, Roderick Gordon, Robert House (*Chairman*), Catherine McHugh, Robert Mueller

*Associate Professors* Will Gay Bottje, Lawrence Intravaia, Phillip Olsson, Robert Resnick, Charles Taylor, William Taylor, Mary E. Wallace, Mari-  
anne Webb, John Wharton

*Assistant Professors* John Eddins, Samuel Floyd, Mary Jane Grizzell, Eliza-  
beth Hartline, George Hussey, Burt Kageff, Robert Kingsbury, Nick Koenig-  
stein, Alan Olfield, Melvin Siener, Richard Strawn, James Stroud, Kent  
Werner

*Instructors* Donald Lemasters, George Nadaf, Helen Poulos, Gene Stiman

## Design

*University Professor* R. Buckminster Fuller

*Professor* Jack R. Ellner

*Lecturers* Robert Ashworth, William Fetter, William Gould, Harold Grosowsky,  
Vern Johnson, Elsa Kula, H. F. William Perk (*Chairman*), Davis Pratt,  
Herbert Roan

## School of Home Economics

### Child and Family

*Professor* Michael Zunich (*Chairman*)

*Associate Professor* Mary W. Hicks

*Assistant Professor* Timothy M. Flynn

### Clothing and Textiles

*Associate Professors* Thelma Berry, Rose Padgett (*Chairman*)

### Family Economics and Management

*Professor* Betty J. Johnston (*Chairman*)

*Assistant Professor* Karen Craig

### Food and Nutrition

*Professor* Frank Konishi (*Chairman*)

*Associate Professors* Jennie M. Harper, Irene Payne

### Home Economics Education

*Professor* Anna Carol Fults (*Chairman*)

*Associate Professor* Dorothy Keenen

*Assistant Professors* Rose Mary Carter, Edna Jacqueline Eddleman

### Interior Design

*Associate Professors* Walter J. Moran (*Chairman*), Dezso D. Sekely

*Assistant Professor* Lucy Stewart

## School of Technology

*Professors* Jose L. Amoros, Marisa L. Canut, Juh W. Chen, E. Leon Dunning,  
John H. Erickson, G. Robert Hoke, Eldred W. Hough, Thomas B. Jefferson  
(*Dean*), Marvin E. Johnson, Julian H. Lauchner, William C. Orthwein,  
Wayne S. Ramp, Ronald W. Stadt, Herman J. Stoeve

*Associate Professors* Najim Al-Rubayi, Raymond E. Bittle, Philip K. Davis,  
Vernold K. Feiste, F. Lee Grismore, James Jenkins, C. Merrill Moeller,  
Raymond Nowacki, Sedat Sami, James G. Smith

*Assistant Professors* Larry J. Bailey, Richard F. Bortz, Curtis W. Dodd,  
James L. Evers, Howard Hesketh, Albert C. Kent, Mark E. Klopp, Thomas  
M. McCalla, Charles Muchmore, Dennis C. Nystrom, Sonny W. Pearson,  
Douglas S. Prensner, James Sullivan

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